

eman ta zabal zazu



Universidad  
del País Vasco

Euskal Herriko  
Unibertsitatea

# KIMIKA ZIENTZIEN FAKULTATEA

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JARDUEREN MEMORIA  
2013/2014 Ikasturtea

# KIMIKA ZIENTZIEN FAKULTATEA

## JARDUEREN MEMORIA 2013/2014 ikasturtea

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## 0. AURKEZPENA

Honako memoria honek Universidad del País Vasco/Euskal Herriko Unibertsitatearen Kimika Zientzien Fakultateak 2013/2014 ikasturtean egindako jardueren alderdirik nabarmenenak azaltzen ditu, ikastegia osatzen dugun pertsonen eguneroko ahalegin eta arduraren erakusgarri.

Kimikako Graduko lehenengo promozioak ikasketak amaitu ditu eta, aldi berean, aurrera segitzen dute graduondoko ikastaroek, berrikuntzarako berariazko dinamikaz. Ikastegiko gure kideek osatzen dituzten ikertaldeek lanean jarraitzen dute doktore berriak prestatzen eta artikulu zientifiko ugari argitaratuz. Memoriaren bukaeran, ikastegiaren administrazio ekonomikoaren zenbateko orokorrei buruzko atal bat txertatu dugu, bai eta kanpo harremanetara eta dibulgaziora bideratutako jarduera batzuen aipamen xehea ere.

Espero dut dokumentuak helburua beteko duela, interesatuei gure fakultatean bizitzen den errealitatea hurbilduz.

Dekanoa

## 1. ANTOLAKETA

### 1.1. Zuzendaritza-organoak

#### 1.1.1 Dekanotza-taldea

Dekanoa kide bakarreko gobernu-organo bat da, eta bera da Fakultatearen ordezkaria (UPV/EHUren estatutueta 277. eta 278. artikulua). Ikastegiko Batzarrak hautatzen du, eta bi dekanordek eta idazkari batek osatutako lantalde baten laguntzaz kudeatzen du Fakultatea.

Dekanoa:

Iñigo Legórburu Faus

Akademia Antolakuntza eta Azpiegituretako dekanordea:

Gonzalo Guerrica-Echevarria

Nazioarteko Harremanetarako dekanordea:

M<sup>a</sup> Dolores Gurruchaga Torrecilla

Idazkaria:

Juan Miguel Oyarbide Garmendia

#### 1.1.2 Fakultateko batzarra

Fakultateko Batzarra, UPV/EHUren estatutueta 275. artikulua arabera, ikastegiko gobernu-eta administrazio-organo gorenena da. Batzarrak hartzen dituen erabakiak (eskumena duen gaietan) lotesleak dira Fakultateko gainerako organo eta kideentzat.

Fakultateko dekanok (presidentea), dekanordeek, idazkariak eta ikastegiko administratzaileak osatzen dute Batzarra. Horiez gainera, Batzarreko kideak dira Fakultateko hainbat taldetako 20 ordezkari beheran aipatuak. Batzarraren bilerak publikoak dira, eta bertaratutako guztiek dute horietan hitz egiteko eskubidea.

2011eko azaroaren 22ko hauteskundearen ostean (PII iraunkorra eta AZP) eta 2013ko abenduaren 10ko ostean (ikasleak).

ARANBURU LEIVA, Ane Izaskun	Ikaslea
ARROYO NIETO, Jokin	Ikasles
ARRUTI MARTINEZ, Maite	AZP
AZKONA ARRAIZA, Aitor	Ikaslea
CALAHORRA MARTINEZ, ELENA	PII iraunkorra
DE LA CAL DEL RIO, Jose Carlos	PII iraunkorra
CANTON ORTIZ DE PINEDO, Lourdes	PII iraunkorra
EGUIAZABAL ORTIZ DE ELGUEA, Jose Ignacio	PII iraunkorra
ECHEVERRIA LIZARRAGA, Agustin	PII iraunkorra
FERNANDEZ FERNANDEZ, M <sup>a</sup> Dolores	PII iraunkorra
GARRALDA HUALDE, M <sup>a</sup> Angeles	PII iraunkorra
GAZTELUMENDI OTEGUI, Mikel	PII iraunkorra
GUERRICA-ECHEVARRIA, Gonzalo	Dekanoordea

IRUSTA MARICHALAR, Lourdes	PII iraunkorra
LEGORBURU FAUS, Iñigo	Dekanoa
LEZA FERNANDEZ, Lourdes	AZP
OSTRA BELDARRAIN, Miren	PII iraunkorra
OYARBIDE GARMENDIA, Juan Miguel	Idazkaria
SANCHEZ GARMENDIA, Uxue	Ikaslea
SECO BOTANA, Jose Manuel	PII iraunkorra
TRESPADERNE BIAIN, Jose Antonio	Administratzailea
UBIDE SEBASTIAN, Carlos	PII iraunkorra
UGALDE ARBIZU, Maider	Ikaslea
VERA SALAS, Silvia	Bestelako PII

### 1.1.3 Batzordeak

#### **Akademia Antolakuntzako eta Ikasketak Baliozkotzeko Batzordea**

Fakultateko Batzarrak izendatutako lau irakaslek eta dekanook osatua. Dekanoa da presidentea.

#### **Laneko Arriskuen Prebentziorako Batzordea**

Ikastegiko sailletako irakasle ikertzaileen lau ordezkari, 2 ikaslek (bietako bat Hirugarren Ziklokoa edo Graduondokoa) eta AZPko 2 ordezkari osatua.

#### **Ekonomia Batzordea**

Idazkari akademikoak, administratzaileak, sail bakoitzeko bi irakaslek eta atal bakoitzeko irakasle batek, bi ikaslek, eta AZPko kide batek osatua. Dekanoa da presidentea.

#### **Hauteskunde Batzordea**

Honako kide hauek osatuta dago: idazkari akademikoak; katedradunen eta titularren taldeetako doktore funtzionarioen esparruko irakasle batek; irakasle eta ikertzaileen gainerako esparruetako irakasle ez-doktore batek; lehen, bigarren edo hirugarren zikloko ikasle batek; eta AZPko ordezkari batek. Dekanoa edo hark bere ordezkari izendatutako kidea da batzorde honen presidentea.

#### **Euskara Batzordea**

Sail eta atal bakoitzeko irakasle batek, bi ikaslek eta AZPko ordezkari batek osatua. Autonomia Erkidegoko bi hizkuntza ofizialetan alfabetatuak behar dute izan guztiek.

#### **Konpentsazio Ebaluaziorako Epaimahaia**

Idazkari akademikoak (hitz egiteko eskubidearekin, botoa emateko eskubiderik gabe) eta sei irakaslek osatua da. Sei irakasleak Fakultateko Batzarrak aukeratzen ditu, hainbat jakintza arlotako irakasleen artean. Epaimahaiaren bileretan, Ikastegiko Ikasle Kontseiluak izendatutako ikasle batek parte hartuko du, hitz egiteko eskubidearekin, botoa emateko eskubiderik gabe. Dekanoa edo hark bere ordezkari izendatutako dekanotza-taldeko kidea da presidentea.

#### 1.1.4 Sailak

Fakultatea lau sailak osatzen dute. Honako hauek dira sailak eta sail bakoitzaren gobernu-organoak:

##### Polimeroen Zientzia eta Teknologia Saila

Zuzendaria: José Ignacio Eguiazabal Ortiz de Elguea

Idazkaria: Agustin Etxeberria Lizarraga

Batzorde iraunkorra:

M <sup>a</sup> Jesús FERNÁNDEZ FERNÁNDEZ	(Irakaslea)
Gonzalo GUERRICA-ECHEVARRIA ESTANGA	(Irakaslea)
Isabel GOÑI ECHAVE	(Irakaslea)
M. Angeles IRIARTE ORMAZABAL	(Irakaslea)
Lourdes IRUSTA MARITXALAR	(Irakaslea)
Xabier LÓPEZ PESTAÑA	(Irakaslea)
Jon Mattin MATXAIN BERAZA	(Ikertzaile Doktoreak)
Agurtzane MUGIKA IZTUETA	(Irakaslea)
Antxon SANTAMARÍA IBARBURU	(Irakaslea)
Ana María CARBALLO ALONSO	(AZP)
Jon URANGA BARANDIARAN	(Ikaslea)

##### Materialen Fisika Saila

Zuzendaria: Angel Alegría Loinaz

Idazkaria: Joseba Iñaki Juaristi Oliden

##### Kimika Aplikatua Saila

Zuzendaria: Rosa García Arrona

Idazkaria: José Manuel Seco Botana

Saileko Batzordeko Kideak:

Barandiaran Sarasola, M <sup>a</sup> Jesús	Irakaslea
Berregi Abalde, Iñaki	Irakaslea
De la Cal del Río, José Carlos	Irakaslea
Garralda Hualde, M <sup>a</sup> Angeles	Irakaslea
Hernandez Conejero, Ricardo	Irakaslea
Ibarlucea Vitoriano, Lourdes	Irakaslea
Korres Ugarte, Nahia	Irakaslea
Millán Martín, M <sup>a</sup> Esmeralda	Irakaslea
Plaza Hernández, Inés	AZP
Ane Bordagaray Eizaguirre	3. Zikloko Ikaslea

##### Kimika Organikoa I Saila

Zuzendaria: Claudio Palomo Nicolau

Idazkaria: Antonia Mielgo Vicente

### 1.1.5. Kanpo-organoetako ordezkariak

Campuseko Batzarrean:

Fernández San Argimiro, Francisco Javier  
Guerrica-Echevarria Estanga, Gonzalo  
Legórburu Faus, Iñigo

Unibertsitateko Klaustroan (2011/11/25ezkerotik):

Etxeberria Lizarraga, Agustín  
Gaztelumendi Otegui, Miguel M<sup>a</sup>  
Irusta Marichalar, Lourdes  
Iriarte Ormazabal, M<sup>a</sup> Angeles  
Otaegi Tena, Itziar  
Remiro Montoya, Pedro

Unibertsitateko Klaustroan (2013/12/18ezkerotik):

Arroyo Nieto, Jokin



## 1.2. Irakasleak eta ikertzaileak

### 1.2.1 Katedradunak

#### *Polimeroen Zientzia eta Teknologia Saila*

EGUIAZABAL ORTIZ DE ELGUEA, José Ignacio  
GOÑI ECHAVE, Isabel  
IRUIN SANZ, Juan José  
MUÑOZ BERGARECHE, M. Eugenia  
SANTAMARIA IBARBURU, Antxon  
UGALDE URIBE-ETXEBARRIA, Jesus M.

#### *Materialen Fisika Saila*

ALEGRIA LOINAZ, Angel  
ARNAU PINO, Andrés  
COLMENERO DE LEON, Juan  
ETXENIKE LANDIRIBAR, Pedro Miguel  
GONZALEZ ESTEVEZ, Julián  
RIVACOBIA OCHOA, Alberto  
RUBIO SECALES, Angel  
TCHOULKOV, Evgueni

#### *Kimika Aplikatua Saila*

ASUA GONZALEZ, José M.  
GARRALDA HUALDE, M<sup>a</sup> Angeles  
MONTES RAMIREZ, Mario  
LEIZA RECONDO, José R.

#### *Kimika Organikoa I Saila*

AIZPURUA IPARRAGUIRRE, Jesús M<sup>a</sup>  
COSSIO MORA, Fernando  
GANBOA LANDA, Iñaki  
OYARBIDE GARMENDIA, Juan Miguel  
PALOMO NICOLAU, Claudio

### 1.2.2 Titularrak

#### *Polimeroen Zientzia eta Teknologia Saila*

CALAHORRA MARTINEZ, M. Elena  
ETXEBERRIA LIZARRAGA, Agustín  
FERNANDEZ FERNANDEZ, M. Dolores  
FERNANDEZ FERNANDEZ, M. Jesús  
FERNANDEZ-BERRIDI TABERNA, M. José  
GAZTELUMENDI OTEGI, Mikel  
GONZALEZ CALLEJA, M. Carmen  
GURRUCHAGA TORRECILLA, M. Dolores  
IRIARTE ORMAZABAL, M. Angeles  
IRUSTA MARITXALAR, Lourdes  
LOPEZ PESTAÑA, Xabier  
REMIRO MONTOYA, Pedro M.

URIARTE TOLEDO, Cristina  
ZAMORA GABALDON, Fernando

*Materialen Fisika Saila*

ALVAREZ GONZALEZ, Fernando  
GOITIANDIA ANGUIANO, Luis  
JUARISTI OLIDEN, Iñaki  
MUNDUATE DEL RIO, Arantza  
PEÑA JAUREGUI, Juan José  
TELLERIA ECHEVERRIA, Isabel  
VAL ALTUNA, Juan José del

*Kimika Aplikatua Saila*

BARANDIARAN SARASOLA, María J.  
CANTON ORTIZ DE PINEDO, Lourdes  
DE LA CAL DEL RIO, José C.  
DORRONSORO URRUTIA, Carmen  
DUEÑAS CHASCO, María Teresa  
FERNANDEZ DE LARRINOA SANTAMARIA, Iñigo  
FORCADA GARCIA, Jacqueline  
IBARLUCEA VITORIANO, Lourdes  
LEGORBURU FAUS, Iñigo  
MILLAN MARTIN, Esmeralda  
PAULIS LUMBRERAS, María  
UBIDE SEBASTIAN, Carlos  
UGALDE MARTINEZ, Unai Ona

*Kimika Organikoa I Saila*

ARRIETA AYESTARAN, Ana J.

### 1.2.3 Irakasle Agregatuak

*Polimeroen Zientzia eta Teknologia Saila*

GUERRICA-ECHEVARRIA ESTANGA, Gonzalo

*Kimika Aplikatua Saila*

BARQUÍN MUGA, Montserrat  
BERREGI ABALDE, Iñaki  
GARCÍA ARRONA, Rosa  
HERNÁNDEZ CONEJERO, Ricardo  
OSTRA BELDARRAIN, Miren  
SECO BOTANA, José Manuel

*Kimika Organikoa I Saila*

GOMEZ BENGOA, Enrique  
MIELGO VICENTE, M<sup>a</sup> Antonia

## 1.2.4 Irakasle kontratatuak

### *Polimeroen Zientzia eta Teknologia Saila*

MUJICA IZTUETA, Agurtzane (Irak. Adjuntoa)  
CASANOVA CASAS, David (Ikerbasque Research Fellow)  
FERNANDEZ SAN MARTIN, Mercedes (PIC SECTI)<sup>1</sup>  
GONZÁLEZ VIVES, Alba (PIC SECTI)<sup>1</sup>  
GRABOWSKI, Slawomir J. (Ikerbasque Research Professor)  
HEIDENREICH, Andreas (Ikerbasque Research Professor)  
MATXAIN BERAZA, Jon Mattin (PIC SECTI)<sup>1</sup>  
MÜLLER SÁNCHEZ, Alejandro (Ikerbasque Research Professor)  
MUJICA GOROSTIDI, Jon Iñaki (PIC SECTI)<sup>1</sup>  
PIRIS SILVERA, Mario (Ikerbasque Research Professor)  
SCHÄFER, Thomas (Ikerbasque Research Professor)

### *Kimika Aplikatua Saila*

MENDICUTE FIERRO, Claudio (Irak. Adjuntoa)  
VIDAL POSTIGO, Mainer (Irak. Adjuntoa)  
SAN SEBASTIÁN LARZABAL, Eider (Irak. Adjuntoa)  
KORRES UGARTE, Nahia (Irak. Laboral Interinoa)  
GREDILLA ALTONAGA, Ainara (Irak. Laboral Interinoa)  
ETXEESTE JUAREZ, Oier (Irak. Laboral Interinoa)  
CEPEDA RUIZ, Javier (Irak. Laboral Interinoa)

### *Kimika Organikoa I Saila*

ZUBIA OLASCOAGA, Aizpea	(Irak. Laboral Interinoa)
ALBERRO OSA, Nerea	(Irak. Laboral Interinoa)
ALDAVA AREVALO, Eneko	(Irak. Laboral Interinoa)

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<sup>1</sup> SECTI: Sistema Español de Ciencia, Tecnología e Innovación. Tienen capacidad docente.

## 1.2.5 Ikertzaile kontratatu eta bekadunak

### *Polimeroen Zientzia eta Teknologia Saila*

AIZPURUA LARIZ, June	(PIF, Consolidados)
ALDALUR CEBERIO, Itziar	(PIC, UPV taldeak)
ARANBURU OCARIZ, Nora	(Bekaduna, GV-EJ)
ARANDIA ARIÑO, Idoia	(Bekaduna, EHU-UPV)
AZPIROZ APECECHEA, Jon Mikel	(Bekaduna MINECO)
CALAFEL MARTINEZ, M. Itxaso	(PIC, Ercros)
CANALES PÉREZ, Jorge	(Bekaduna, GV-EJ)
CHAOS ALVAREZ, Ana	(Bekaduna, EHU-UPV)
COBOS ZAMARREÑO, Mónica	(Bekaduna, GV-EJ)
CORRES ORTEGA, Ana	(PIC Aurre-doktorea, ERC)
FORMOSO ESTENSORO, Elena	(Post-Doktore Ikertzailea)
GONZÁLEZ AGOTE, Imanol	(PIC Doktorea, SABIC)
GRANADO EGUIAZÁBAL, Ainhoa	(PIC Doktorea, GV-EJ)
HERNANDEZ AGIRRESAROBÉ, Roberto	(Bekaduna, GV-EJ)
INFANTE, Ivan	(PIC Doktorea)
JIMENEZ IZAL, Elisa	(Bekaduna, GV-EJ)
LANDA ALBORCH, Maite	(Bekaduna, GV-EJ)
LLORENTE ZABALA, Oihane	(PIC)
LUQUE, Noelia	(Post-Doktore Ikertzailea)
MACHADO, Isabel	(PIC Aurre-Doktore, ERC)
MARTÍNEZ IBAÑEZ, María	(Bekaduna, GV-EJ)
MITXELENA ECHEVERRÍA, Ion	(PIC)
PALACIOS GUTIÉRREZ, Jordana	(PIC)
PALLA RUBIO, Beatriz	(PIC, MINECO)
PALLAS JIMÉNEZ, Zita Lorena	(PIC)
PILLADO MALPICA, Eneko	(Bekaduna, GV-EJ)
SANTAMARIA CABODEVILLA, Pablo	(PIC, SABIC)
SANTIAGO SÁNCHEZ, Alexander	(Bekaduna, GV-EJ)
SERRANO SANTOS, M <sup>a</sup> Belen	(PIC Doktorea)
URANGA BARANDIARAN, Jon	(Bekaduna, GV-EJ)
URANGA BARANDIARAN, Olatz	(PIC)
URQUIJO ELORTEGUI, Jon	(Bekaduna, MINECO)
ZABALETA SARASOLA, Asier	(PIC)
ZALDUA CARAZO, Nerea	(PIC)

### *Materialen Fisika Saila*

Eugene KRASOVSKII	Ikerbasque
Ilya TOKATLY	Ikerbasque
Kostyantyn GUSLIYENKO	Ikerbasque
Martina Corso	Ikerbasque
Roberto D'AGOSTA	Ikerbasque
Stefan KURTH	Ikerbasque
Vyacheslav SILKIN	Ikerbasque
Vitaly GOLOVACH	Ikerbasque
Fernando DELGADO	Ikerbasque
Ask Hjorth LARSEN	Ikertzailea (Doktorea)

Daniel Gosalbez MARTINEZ	Ikertzailea (Doktorea)
David Michael CARDAMONE	Ikertzailea (Doktorea)
Duncan John MOWBRAY	Ikertzailea (Doktorea)
Huseyin Sener SEN	Ikertzailea (Doktorea)
Lede XIAN	Ikertzailea (Doktorea)
Luca BERGAMINI	Ikertzailea (Doktorea)
Luis Alejandro MICCIO	Ikertzailea (Doktorea)
Marius Conny WANKO	Ikertzailea (Doktorea)
Mst NAZMUNNAHAR	Ikertzailea (Doktorea)
Oksana SUKHOSHTAVETS	Ikertzailea (Doktorea)
Pier Luigi CUDAZZO	Ikertzailea (Doktorea)
Umberto DE GIOVANNINI	Ikertzailea (Doktorea)
Victor MORON TEJERO	Ikertzailea (Doktorea)
Yann POUILLON	Ikertzailea (Doktorea)
Camilla PELLEGRINI	Ikertzailea (Ez Doktorea)
Giuseppe FOTI	Ikertzailea (Ez Doktorea)
Iñigo SETIEN FERNANDEZ	Ikertzailea (Ez Doktorea)
Kaike YANG	Ikertzailea (Ez Doktorea)
Martin MADEL	Ikertzailea (Ez Doktorea)
Alejandro VARAS BARBOZA	Ikertzailea (Ez Doktorea)
Joseba ALBERDI RODRIGUEZ	Ikertzailea (Ez Doktorea)
Kathryn A. CHABAREK	Ikertzailea (Ez Doktorea)
Robert BIELE	Ikertzaile Bekaduna MEC
Alejandro PEREZ PAZ	Doctor Ley Ciencia Ikertzailea
Gloria Isidra RODRIGUEZ ARANDA	Doctor Ley Ciencia Ikertzailea
Philipp WOPPERER	Doctor Ley Ciencia Ikertzailea
Ahmed Talaat FARAG IBRAHIM	Ikertzailea Bekaduna MEC
Bruno TORCAL EMBEITA	Bekaduna MEC
Jessica WALKENHORST	Bekaduna MEC
Mehdi FARZANEHPOUR	Bekaduna UPV
Mohammed Musthafa KUMMALI	Bekaduna UPV
Oksana SUKHOSHTAVETS	Bekaduna UPV
Alison-Ainara CRAWFORD URANGA	Bekaduna GV
Ana Belen SANCHEZ SANCHEZ	Bekaduna GV
Alejandro PEREZ PAZ	Ikertzailea Especialización Doctores
Duncan John MOWBRAY	Ikertzailea Juan De La Cierva
Hannes Simon HÜBENER	Ikertzailea Marie Curie
Irina LEBEDEVA	Ikertzailea Marie Curie
Livia Noemi GLANZMANN	Ikertzailea Marie Curie
Seymur JAHANGIROV	Ikertzailea Marie Curie
Miguel Angel GOSALVEZ AYUSO	Ikertzailea Ramón Y Cajal
Natalia GUTIERREZ PEREZ DE EULATE	Ministerio Economía Predoctoral
Maria BLANCO REY	Doktore Ikertzailea
Oleksandr CHYZHYK	Doktore Ikertzailea
Valentina ZHUKOVA ZHUKOVA	Doktore Ikertzailea
Alejandro Javier LATORRE SANCHEZ	UPV Ikertzaile Predoktorala
Izaskun Leticia COMBARRO PALACIOS	UPV Ikertzaile Predoktorala
Andrey K. KAZANSKY	Ikerbaske Bisitaria
Arkady Pavlovich ZHUKOV EGOROVA	Ikerbaske Bisitaria
Ivo Nuno SALDANHA SOUZA	Ikerbaske Bisitaria

Jose Adolfo POMPOSO ALONSO  
Lucia VITALI  
Yury PETROVICH RAKOVICH  
Anton Xose BRION RIOS

Ikerbaske Bisitaria  
Ikerbaske Bisitaria  
Ikerbaske Bisitaria  
Zabalduz Ikertzaile Predoktorala

*Kimika Aplikatua Saila*

FREIXA FERNANDEZ, Zoraida IkerBasque Ikertzailea  
HUERTOS MANSILLA, Miguel Angel (09-1ezkero) IkerBasque Ikertzailea  
BARRERO MAZQUIARÁN, Miguel Ángel Doktore Ikertzailea  
SANZ ITURRALDE, Oihane Doktore Ikertzailea  
CIGANDA HERNÁNDEZ, Roberto Doktore Ikertzailea  
AGIRRE ETXEBARRIA, Amaia Doktore Ikertzailea  
BONNEFOND, Audrey Doktore Ikertzailea  
LEAL WILHEL, Gracia Patricia Doktore Ikertzailea  
DEL AGUA, Isabel Doktore Ikertzailea  
MARQUINA IÑARRAIRAEGUI, Ane Doktore Ikertzailea  
Itziar ZUMETA SUBIJANA  
Aintzane PIKABEA IRIBARREN  
Itziar OYARZABAL EPELDE  
Goretti LLAMAS ARRIBA  
Ana Isabel PUERTAS GONZÁLEZ  
Martín MUÑOZ BERGARECHE  
Ainara TELLERÍA ECHANIZ  
Jone URRUTIA FERNÁNDEZ DE RETANA  
Jorge PÉREZ MIQUEO  
Ana PASCUAL GONZÁLEZ  
Ana Belén LÓPEZ  
Iñaki GÓMEZ  
Josu LOPEZ GAZPIO  
Ehsan MEHRAVAR  
Ane BORDAGARAY EIZAGUIRRE  
Joseba JUARISTI MENDICUTE  
Jessica PÉREZ OUTEIRAL  
Shaghayegh HAMZEHLU  
Andoni ZURIARRAIN OCIO  
Daniele MANTIONE  
Mehmet ISIK  
Alejandro José ARZAC PEÑA  
Guiomar HERNANDEZ  
Sevilay BILGIN  
Garbiñe AGUIRRE UGARTE  
Ion VELASCO ORTIZ  
Ana Margarida CONDE FERNANDES  
Alexander YUEN  
Mohammad Ali ABOUZADEH BARIHI  
Wendy del Carmen GARCÍA HIDALGO  
Jessica SABRINA DESPORT  
Samane MEHRAVAR  
Ziortza AGIRREURRETA ALONSO  
Alicia DE SAN LUIS GONZÁLEZ  
Miren AGIRRE ARRESE

Nerea CASADO  
Freddy Enrique BOSCÁN GUERRA  
David MERINO  
Elodie LIMOUSIN

*Kimika Organikoa I Saila*

LANDA ÁLVAREZ, Aitor  
LÓPEZ ÁLVAREZ, Rosa  
DE COZAR RUANO, Abel  
BELLO IGLESIAS, Tamara  
CORREA NAVARRO, Arkaitz  
SOLOSHONOK, Vadin  
ZANGY, Ronen  
MENDIGUTXIA MANRIQUE, Jone  
SAGARTAZU AIZPURA, Maialen  
RETAMOSA HERNÁNDEZ, M<sup>a</sup> de Gracia  
RIVILLA DE LA CRUZ, Ivan  
VERA SALAS, Silvia  
ARRASTIA BASALO, Miren Iosune

Doktore ikertzailea (INVU)  
Doktore ikertzailea (INVU)  
Doktore ikertzailea (INVU)  
Doktore ikertzailea (INVU)  
Doktore ikertzailea (Ramón y Cajal)  
Ikerbasque Bisitaria  
Ikerbasque Bisitaria  
Ikertzailea  
Doktore ikertzailea (INVU)  
Doktore ikertzailea (INVU)  
Doctor Ley Ciencia Ikertzailea  
Doktore ikertzailea (INVU)  
Ikertzailea

AGUIRRE GOIKOETXEAUNDIA, Maddalen  
ALCALA CAFFARENA, M<sup>a</sup> Remedios  
ANDREIEF ECHEVESTE, Elena Ana  
ARIAS ECHEVERRIA, Leire Lidia  
BADIOLA ARAMENDI, Eider  
BASTIDA SAIZ, Iñaki  
CABALLERO CAMINO, Fco. Javier  
ECHAVE DE DOMINGO, Haizea  
ETXABE TELLERIA, Julen  
FERNANDEZ SAN ARGIMIRO, Fco. Javier  
FISER, BELA  
IRASTORZA EPELDE, Aitziber  
IZQUIERDO ARRUFERIA, Joseba  
LACAMBRA GALAIN, Aitor  
LAPUERTA QUINTANILLA, Irati  
LARRAÑAGA AGIRRE, Olatz  
LARUMBE GARATE, Amaia  
MONASTERIO PEITEADO, Zaira  
ODRIOZOLA GIMENO, Mikel  
ODRIOZOLA NUIN, Amaieur  
OLAIZOLA ALVAREZ, Yurre  
PEREZ ESNAOLA, Nerea  
RODRIGUEZ DEL POZO, Sandra  
ROJO ARREGUI, Irati  
RUIZ-OLALLA FERNANDEZ, Andrea  
SANCHEZ FERNANDEZ, Mirian  
URRUZUNO GUIU, Iñaki  
ZABALA UNCILLA, Nerea  
ZALACAIN MICHELENA, Maitane

Ikertzaile Predoktorala (IPG)  
Ikertzaile formakuntzan (IFP)  
Ikertzaile formakuntzan (IFPM)  
Ikertzaile formakuntzan (IFPM)  
Ikertzaile formakuntzan (IFPM)  
Ikertzailea Predoktorala (IPG)  
Ikertzailea Predoktorala (IPM) MINECO  
Ikertzailea Predoktorala formakuntzan (IPFG)  
Ikertzaile formakuntzan (IFPM)  
Ikertzailea Predoktorala (IP)  
Ikertzailea Marie Curie (IMC)  
Ikertzailea Predoktorala (IPG)  
Ikertzailea Predoktorala (IPU)  
Cotutela Burdeos Predoktorala (IPFB)  
Ikertzaile formakuntzan (IFPU)  
  
Ikertzaile formakuntzan (IFP)  
Ikertzaile formakuntzan (IFPU)  
Ikertzailea Predoktorala (IP)  
Ikertzailea Predoktorala. Cotutela (IPU)  
Ikertzaile formakuntzan (IFPM)  
Ikertzaile formakuntzan (IFPM)  
Ikertzailea Predoktorala (IPU)  
Ikertzaile formakuntzan  
Ikertzaile formakuntzan (IFP)  
  
Ikertzailea Predoktorala (IPG)  
Ikertzaile formakuntzan (IFPU)  
Ikertzaile formakuntzan

### 1.3. Administrazio eta Zerbitzuetako Pertsonala (AZP)

#### Ikastegiko Administraria

TRESPADERNE BIAIN, José Antonio

#### Bulegoburua

ARRANZ ACEBAL, M. Isabel

#### Dekanoaren Idazkaria

BAQUEDANO ARANA, M<sup>a</sup> Begoña

#### Ikasleen idazkaritza

LORO MORENO, Antxon

RODRIGUEZ PEREZ, Patricia Mónica

#### Sailtako Idazkariak

CARBALLO ALONSO, Ana M<sup>a</sup> (Polimeroen Zientzia eta Teknologia

OSSES PORTU, M<sup>a</sup> Carmen (Kimika Aplikatua)

SANZ MARCOS, María Teresa (Kimika Organikoa I)

VAZQUEZ SANCHEZ, Francisco (Materialen Fisika)

#### Atezaindegia

ARMENDARIZ IDIAQUEZ, José M. (Atezain Nagusia)

TABERNA ARRUTI, María Luisa (Atezain Nagusia)

AGUIRRE ALBERDI, Aritz

ASTIZ ELBERDIN, Agurtzane

ARRUTI MARTINEZ, Maite (Peoi Espezialista)

#### Laborategiko Teknikariak

CUESTA GRAÑA, José R.

GUEZALA ORIVE, Sofía

LEZA FERNANDEZ, Lourdes

NARVARTE PORTUGAL, Arantzazu

OLIVERA FELIPE, M<sup>a</sup> Teresa

#### Kudeaketa Teknikaria

NOTARIO GUERRA, Mercedes

### 1.4. Bestelako Langileak

#### Laguntza Teknikaria (Ikerketa Erretoretzaren menpekkoa)

MIRANDA MURUA, José Ignacio

#### Administrazioko Laguntzailea (Ingenieritza Kimikoko taldea)

PLAZA HERNÁNDEZ, Inés

#### Ikerketa Teknikaria (Kimika Organikoa UFIrako)

CASAS MAESO, Nerea



## 2. IRAKASKUNTZA

### 2.1. Tituluak

Batera ematen dira ondorengo tituluak:

Kimikan Lizentziatua (QUIMI302) amaitzear dagoena (3. eta 4. Ikasturteak eskolarik gabe, azterketak bakarrik).

Kimikako Gradua (CQUIM300), ikasturte honetan osatzen da gradu honen ezarpena, kimikako graduatuen lehendabiziko promozioa gauzatuz.

### 2.2. Kimikan Gradua

Gradua: Lehen Mailako Ikasgaiak (OINARRIZKO MODULOAK):

Biologia (6 ECTS)  
Geologia (6 ECTS)  
Matematika II (6 ECTS)  
Kimika Orokorra I (6 ECTS)  
Laborategiko Oinarrizko Eragiketak (6 ECTS)  
Metodologia esperimental Kimikan (6 ECTS)  
Kimika Orokorra II (6 ECTS)  
Fisika (6 ECTS)  
Matematika II eta Estatistika (6 ECTS)

Gradua: Bigarren Mailako Ikasgaiak (OINARRIZKO MODULOAK):

Kimika Analitikoa I (9 ECTS)  
Kimika Fisikoa I (9 ECTS)  
Kimika Analitikoan Esperimentazioa (6 ECTS)  
Kimika Ezorganikoa I (9 ECTS)  
Kimika Ezorganikoan Esperimentazioa (6 ECTS)  
Kimika Organikoa I (9 ECTS)  
Kimika Organikoan Esperimentazioa (6 ECTS)  
Biokimika I (6 ECTS)

Gradua: Hirugarren Mailako Ikasgaiak (OINARRIZKO MODULOAK):

Kimika Analitikoan Esperimentazioa (Urtekoa, 6 ECTS)  
Ingenieritza Kimikoa (Urtekoa, 6 ECTS)  
Kimika Analitikoa II (Urtekoa, 9 ECTS)  
Kimika Fisikoa II (Urtekoa, 9 ECTS)  
Kimika Ezorganikoa II (Urtekoa, 9 ECTS)  
Kimika Organikoa II (Urtekoa, 9 ECTS)  
HAUTAZKOAK:  
Komunikazioa Euskeran: Zientzia eta Teknologia (Lauhilekoa 2, 6 ECTS)  
Konposatu Organikoen Identifikazio Espektroskopikoa (Lauhilekoa 2, 6 ECTS)  
Metodo Matematikoak Kimikan (Lauhilekoa 2, 6 ECTS)  
Euskeraren Arauak eta Erabilera (Lauhilekoa 1, 6 ECTS)

Gradua: Laugarren Mailako Ikasgaiak

(OINARRIZKO MODULUA):

Materialen Zientzia (4. maila, 6 ECTS)

Industria Kimikako Proiektuak (4. maila, 6 ECTS)

(MODULU AURRERATUA: HAUTAZKOAK):

Makromolekulen Kimika (6 ECTS)

Makromolekulen Karakterizazio Kimikoa eta Fisikoa (6 ECTS)

Material Makromolekularrak I: Propietateak eta Aplikazioak (6 ECTS)

Material Makromolekularrak II: Prozesaketa (6 ECTS)

Polimerizazio Prozesuak Industrian (6 ECTS)

Katalisia eta Bioorganometalikoak (6 ECTS)

Kimika Biologiko Aplikatua (6 ECTS)

Ingurumenaren Kimika eta Teknologia (6 ECTS)

Biozientzietako Arazo Analitikoaren Ebazpena (6 ECTS)

Sintesi Organikoa eta Biomolekulak (6 ECTS)

Gradu-Amaierako Lana (18 ECTS)

**2.3. Lizentziako ikasgaiak: 1. eta 2. Zikloak**

1. Zikloko Ikasgaiak

Hirugarren maila (azterketak soilik)

Urtekoak:

Kimika Analitikoa

Lauhilekoak:

Biokimika

Kimika Fisikoa Esperimentazioa II (esperimentala, ingeleraz ere eskeinia)

Sintesi Ezorganikoa II (esperimentala)

Kimika Analitikoaren Esperimentazioa II (esperimentala)

Sintesi Organikoa II (esperimentala)

Hautazkoak (1. Zikloa, maila zehaztugabea; azterketak soilik)

Euskara Teknikoa I (1. lauhilekoa.)

Makromolekulara Sarrera (1. lauhilekoa)

Fenomeno Kuantikoetara Sarrera (2. lauhilekoa)

Hautazkoak (Ziklo zehaztugabea; azterketak soilik)

Polimeroen Oinarriak

Polimeroen Laborategia (1. lauhilekoa)

Enologia Orokorra (2. lauhilekoa)

Geokimika Aplikatua (2. lauhilekoa)

Ingenieritza Kimikoa Esperimentazioa (urtekoa)

Aukera Askeko Plana (Ziklo zehaztugabea / maila zehaztugabea; azterketak soilik)

Biziklatzea (2. lauhilekoa)

English and Chemistry (1. lauhilekoa)

Every day Professional English (2. lauhilekoa)  
Lan-Arriskuen Prebentzioa (1. lauhilekoa)  
Geologia (1. lauhilekoa)  
Konputazio Zientifikora Sarrera (2. lauhilekoa)  
Neurketa Analitikorako eta Analisisirako Oinarrizko Metodoak (2. lauhilekoa)  
Azterketa Zientifikora Aplikatutako Zenbakien Kalkulua (2 lauhilekoa)

#### Bigarren Zikloko Ikasgaiak

##### Laugarren maila (azterketak soilik)

Kimika-Fisikoa Aurreratua  
Kimika Analitikoa Aurreratua  
Egituren Determinazioa I (Ingeleraz ere)  
Kimika Ezorganikoa Aurreratua  
Kimika Organikoa Aurreratua  
Egituren Determinazioa II  
Kimika Ezorganikoan Esperimentazioa  
Kimika-Fisikoan Esperimentazioa

##### Hautazkoak (2. Zikloa, maila zehaztugabea)

Materiale Polimerikoen Prozesatua (1. lauhilekoa)  
Kimika Organikoa Makromolekularra (2. Lauhilekoa)

##### Bostgarren maila

Lehen lauhilekoa:

Materialen Zientzia  
Kimika Analitikoan Esperimentazioa  
Kimika Organikoan Esperimentazioa

##### Hautazkoak (2. Zikloa, maila zehaztugabea)

Euskara Teknikoa II (2. lauhilekoa)  
Teknika Esperimentalen eta Metodo Analitikoaren Oinarriak (2. lauhilekoa)  
Industria Kimikora Aplikatutako Bioteknologia (2. lauhilekoa)  
Polimeroen Degradazioa eta Egonkortzea (2. lauhilekoa)  
Erradiazioaren Ondorio Biologikoak eta Aplikazioak (2. lauhilekoa)  
Polimeroen Esperimentazio Aplikatua (2. lauhilekoa)  
Polimeroen Zientzian Esperimentazioa (2. lauhilekoa)  
Polimeroen Zientzian Esperimentazioa (2. lauhilekoa)  
Materialen Entseilurako Metodoak (2. lauhilekoa)  
Polimeroen Identifikazio eta Analisisirako Metodoak (2. lauhilekoa)  
Sintesi Organikoan Proiektua (urtekoa)  
Ingurugiro Kimika eta Teknologia (1./2. lauhilekoak)  
Polimerizazio Erreaktoreak (2. lauhilekoa)  
Gainazal Polimerikoak (1. lauhilekoa)  
Erreologia (1. lauhilekoa)

##### Hautazkoak (2. Zikloa, 5. maila)

Metodo Instrumentalak eta Ingurugiro Analisia (urtekoa)  
Kimika Bioezorganikoa (1. Lauhilekoa)  
Kimika Organometalikoa eta Katalisi Homogeneoa (2. lauhilekoa)

## 2.4. Masterrak (Hirugarren zikloa)

### "Nanoscience" Unibertsitate Masterra

(*Materialen Fisika Saila*)

Kalitate Aipamena MICINNEk emana

#### Ikasgaiak

Advanced nano-scale characterization techniques (Electron energy loss spectroscopy in electron microscopy)  
Advanced theoretical methods in nanoscience  
Advanced topics in nanomaterials (Nanophotonics)  
Classical electrodynamics  
Dynamics of complex materials (Molecular motions in glass-forming systems)  
Excited-state properties of low-dimensional structures  
Experimental Techniques I: Structural Characterization  
Experimental Techniques II: Spectroscopies  
From Nanoscience to Nanotechnology  
Fundamentals of Nanoscale Characterization  
Fundamentals of Quantum Mechanics  
Fundamentals of Solid State Physics  
Introduction to Material Science  
Introduction to scientific research  
Low dimensional Systems and Nanostructures  
Mathematical Methods for Nanoscience  
Modelling and Molecular Dynamics Simulations at the Nanoscale  
Molecular motions in complex systems  
Nanoscience: A Historical Perspective  
Nanostructural Properties  
Nanotechnology-Oriented Research activities

### "Química Aplicada y Materiales Poliméricos" Unibertsitate Masterra

(*Polimeroen Zientzia eta Teknologia Saila*)

(*Kimika Aplikatua Saila*)

#### Ikasgaiak

Análisis de Datos, Diseño de Experimentos y Modelado de Procesos  
Aplicaciones de la RMN y de la EPR  
Catálisis Homogénea, Fundamentos, Mecanismos y Aplicaciones  
Cromatografía  
Control de Procesos Químicos  
Diseño Experimental y Calibración Multivariable  
Interfases y Coloides  
Química Bioinorgánica  
Termodinámica Aplicada a la Ingeniería Química  
--  
Aplicación de la Espectroscopía IR al Análisis de Polímeros  
Aplicación de la RMN al Estudio de Sistemas Poliméricos  
Avances en Síntesis de Polímeros  
Caracterización Térmica de los Polímeros. Fundamentos y Aplicaciones  
Diseño de Materiales por Modificación y Gelificación de Polímeros

Introducción a los Materiales Poliméricos  
Materiales Poliméricos Avanzados. Polímeros de Ingeniería y Materiales Compuestos  
Membranas Poliméricas en Procesos de Separación y Materiales de Barrera  
Polímeros Conductores: Materiales Multifuncionales y Biomiméticos  
Polímeros en Medicina  
Procesado de Polímeros: Tendencias Actuales y Optimización a Través de Simulación por Ordenador  
Reología Aplicada

"Química Sintética e Industrial" Unibertsitate Masterra

(*Kimika Organikoa I Saila, beste bi unibersitaterekin batera*)

Kalitate aipamena MECek emana

Derrigorrezko Ikasgaiak

Metales en Síntesis  
Métodos de Determinación Estructural  
Síntesis Estereocontrolada  
Síntesis Química Avanzada

Hautazko Ikasgaiak

Seminarios Avanzados  
Química Médica  
Química Orgánica Avanzada  
Calidad y Prevención de Riesgos  
Catálisis  
Cromatografía y Técnicas Afines  
Difracción de Rayos X  
Diseño y Síntesis de Fármacos  
Fotoquímica Orgánica  
Gestión de Proyectos e Innovación  
Materiales Moleculares, Síntesis y Métodos de Estudio  
Procesos Químicos y Desarrollo Sostenible  
Productos Naturales: Síntesis, Biosíntesis y Aplicaciones  
Química Bio-Orgánica y Supramolecular  
Química Industrial  
Química Teórica y Computacional  
Síntesis en Fase Sólida y Química Combinatoria  
Determinación Estructural de Compuestos Orgánicos en Análisis Forense (RMN)  
Técnicas Espectroscópicas como herramienta para la Evaluación y Control de la Calidad y Seguridad  
Trabajo y Proyecto Fin de Master

## 2.5. Doktorego Programak (Hirugarren Zikloa)

### "PHYSICS OF NANOSTRUCTURES AND ADVANCED MATERIALS" DOKTOREGO PROGRAMA

(Materialen Fisika Saila)

Bikaintasunerako Aipamena MICINnek emana

#### Ikasgaiak

An introduction to the physics of non-crystalline materials  
Basic Concepts in Materials Science: I. Fundamentals  
Basic Concepts in Materials Science: II. Applications  
Physics of Electrons in Solids and Surfaces  
Neutron Scattering and Atomistic Molecular Dynamics Simulations in Polymer Systems  
Molecular Motions in Polymer Materials  
Structural Characterization of Amorphous and Semicrystalline Materials by X-Ray Diffraction  
Magnetic Materials: Relevant Properties and Applications

### QUÍMICA APLICADA Y MATERIALES POLIMÉRICOS

(Polimeroen Zientzia eta Teknologia Saila)

(Kimika Aplikatua Saila)

Bikaintasunerako Aipamena MECek emana

#### Ikasgaiak

Análisis de Datos, Diseño de Experimentos y Modelado de Procesos  
Aplicaciones de la RMN y de la EPR  
Catálisis Homogénea, Fundamentos, Mecanismos y Aplicaciones  
Cromatografía  
Control de Procesos Químicos  
Diseño Experimental y Calibración Multivariable  
Interfases y Coloides  
Química Bioinorgánica  
Termodinámica Aplicada a la Ingeniería Química

### QUÍMICA TEÓRICA Y COMPUTACIONAL

(Unibertsitate arteko programa, Polimeroen Zientzia eta Teknologia Saila, y otras 17 Universidades Españolas)

Bikaintasunerako Aipamena MECek emana

### ESTUDIOS AVANZADOS EN QUÍMICA ORGÁNICA FUNDAMENTAL Y APLICADA

(Kimika Organikoa I Saila)

(Kimika Organikoa II Saila-Leioa)

Bikaintasunerako Aipamena MECek emana

### 3. IKERKETA

#### 3.1. Ikerketa-taldeak eta ikerketa-ildoak

*(Polimeroen Zientzia eta Teknologia Saila)*

*Reología de Polímeros*

Arduraduna: Antxon SANTAMARIA IBARBURU

*Membranas y Recubrimientos Poliméricos*

Arduraduna: Juan J. IRUIN SANZ

*Relaciones Procesado-Estructura-Propiedades en Materiales Poliméricos*

Arduraduna: José Ignacio EGUIAZABAL ORTIZ DE ELGUEA

*Síntesis y Caracterización de Polímeros para Aplicaciones Médicas e Ingeniería de Tejidos*

Arduradunak: Isabel GOÑI ECHAVE / M. Dolores GURRUCHAGA TORRECILLA

*Polímeros Fotoconductores*

Arduraduna: Fernando ZAMORA GABALDON

*Avances en Química Cuántica y su Aplicación a Problemas Seleccionados de Nano-Tecnología y Bioquímica*

Arduraduna: Jesus M. UGALDE URIBE-ETXEBARRIA

*Modificación de Resinas Termoestables*

Arduraduna: Pedro M. REMIRO MONTOYA

*Síntesis y Caracterización de Nanocompuestos de matriz polimérica*

Arduradunak: M. Dolores FERNANDEZ FERNANDEZ / M. Jesús FERNANDEZ FERNANDEZ

*(Kimika Aplikatua Saila)*

*Complejos Organometálicos de Rodio e Iridio con Ligandos N- y/o P-Dadores*

Arduraduna: M. Angeles GARRALDA HUALDE

*Preparación de Nuevos Materiales Magnéticos*

Arduraduna: José Manuel SECO BOTANA

*Complejos Organometálicos con Aplicaciones en Catálisis y Materiales*

Arduraduna: Zoraida FREIXA FERNÁNDEZ

*Geoquímica Orgánica*

Arduraduna: M. Carmen DORRONSORO URRUTIA

*Quimiometría Aplicada*

Arduraduna: Miren OSTRÁ BELDARRAIN

*Determinación de Compuestos Orgánicos por Microextracción por HS-SPME / Métodos de Digestión Ácida*

Arduradunak: Esmeralda MILLAN MARTIN, Rosa GARCÍA ARRONA

*Estudio Analítico de Manzanas de Sidra Autóctonas del País Vasco y Obtención de Sidras a partir de sus Mostos Monovarietales*

Arduraduna: Iñaki BERREGI ABALDE

*Síntesis y Caracterización de Partículas Poliméricas con Tamaño Coloidal para Aplicaciones Biotecnológicas*

Arduraduna: Jacqueline FORCADA GARCÍA

*Catalizadores y Adsorbentes Estructurados para Aplicaciones Ambientales y Energéticas*

Arduraduna: Mario MONTES RAMÍREZ

*Ingeniería de la Reacción de Polimerización*

Arduraduna: José M<sup>a</sup> ASUA GONZÁLEZ

*Estudios Analíticos y Microbiológicos en Bebidas Alcohólicas / Bacterias Lácticas / Sidras*

Arduradunak: M. Teresa DUEÑAS CHASCO / Ana IRASTORZA IRIBAS

*Determinación, Análisis y Control de Emisiones Contaminantes*

Arduraduna: Lourdes CANTÓN ORTIZ DE PINEDO

*Identificación y Caracterización de las Señales de Comunicación en Colonias Microbianas*

Arduraduna: Unai Ona UGALDE MARTINEZ

*Estudio de la Infección Fúngica Invasora (GEIFI)*

Arduraduna: Iñigo FERNÁNDEZ DE LARRINOA SANTAMARÍA (José PONTÓN SAN EMETERIO)

*(Kimika Organikoa I Saila)*

*Síntesis Asimétrica, Catálisis y Organocatálisis; Química de  $\beta$ -Lactamas y Peptidomiméticos  $\beta$ -Lactámicos*

Arduraduna: Claudio PALOMO NICOLAU

*Química Teórica y Computacional / Cicloadiciones / Inhibidores Enzimáticos y de Interacciones Proteína-Proteína Útiles en Oncología*

Arduraduna: Fernando Pedro COSSÍO MORA



### 3. 2. Diruz lagundutako ikerketa-proiektuak

*(Polimeroen Zientzia eta Teknologia)*

UNIDAD DE FORMACIÓN E INVESTIGACIÓN DE LA UPV/EHU

Ikertzaile Nagusia: José Ignacio EGUIAZABAL

Erakunde Laguntzailea: EHU/UPV

Erreferentzia: UFI 11/56

Iraupena: Urtarrila 2012 – Abendua 2014

Laguntza 2014: 23.805,81 €

Saileko 19 irakasle-ikertzailek hartu zuten parte, 8.200,14 € jasota.

SUBVENCION GENERAL A GRUPOS CONSOLIDADOS DE LA EHU-UPV

Ikertzaile Nagusia: Antxon SANTAMARIA

Erakunde Laguntzailea: Gobierno Vasco

Erreferentzia: IT-586-13

Iraupena: Urtarrila 2013 – Abendua 2018

Laguntza 2014: 38.200 €

PAVIREX: NUEVOS PAVIMENTOS MAS SEGUROS EN CONDICIONES EXTREMAS DE TEMPERATURA

Ikertzaile Nagusia: María Eugenia MUÑOZ

Erakunde Laguntzailea: MICINN (Subprograma INNPACTO)

Erreferentzia: IPT-2011-1380-370000

Iraupena: Urtarrila 2011 – Abendua 2014

Laguntza 2014: 40.113,13 €

EFFECTO DEL CONFINAMIENTO MICROSCÓPICO Y NANOSCÓPICO SOBRE LA MORFOLOGÍA, NUCLEACIÓN Y CRISTALIZACIÓN DE POLÍMEROS

Ikertzaile Nagusia: Antxon SANTAMARIA IBARBURU

Erakunde Laguntzailea: Gobierno Vasco (Saiotek)

Erreferentzia: S-PE13UN051

Iraupena: Urtarrila 2013 – Uztaila 2014

Laguntza 2014: 0 €

AYUDA PARA LA PROMOCIÓN DE PROYECTOS DE INVESTIGACIÓN ENTRE UPPA-UPV/EHU-2014

Ikertzaile Nagusiak: Alejandro J. MÜLLER y Frederic LEONARDI (UPPA)

Erakunde Laguntzailea: EHU/UPV

Erreferentzia: IPT-2011-1380-370000

Iraupena: Azaroa 2014-Azaroa 2015

Laguntza 2014: 0 €

IKERBASQUE START-UP FUND

Ikertzaile Nagusia: Alejandro J. MÜLLER

Erakunde Laguntzailea: IKERBASQUE

Erreferentzia:

Iraupena: Azaroa 2014 – Abendua 2016

Laguntza 2014: 5.000,00 €

#### NANOTECNOLOGÍA PARA LA REDUCCIÓN DE LA INFLAMABILIDAD DE MATERIALES POLIMÉRICOS

Ikertzaile Nagusia: Manuela ZUBITUR  
Erakunde Laguntzailea: EHU/UPV  
Erreferentzia: PES14/58  
Iraupena: Azaroa 2014 - Urria 2018  
Laguntza 2014: 1.648,07 €

#### GRUPO CONSOLIDADO Y DE ALTO RENDIMIENTO DE LA EHU-UPV

Ikertzaile Nagusia: Juan J. IRUIN SANZ  
Erakunde Laguntzailea: Eusko Jaurlaritzza  
Erreferentzia: IT618-13  
Iraupena: Urtarrila 2013 – Abendua 2018  
Laguntza 2014: 42.800 €

#### MIXED-MATRIX MEMBRANES FOR FINE CHEMICAL DOWNSTREAM PROCESSING-MATRIX

Ikertzaile Nagusia: Thomas SCHÄFER  
Erakunde Laguntzailea: European Research Comission. IDEAS Starting Grant  
Erreferentzia: MATRIX-209842  
Iraupena: Urtarrila 2008 – Abuztua 2014  
Laguntza 2014: 0 €

#### COST

Ikertzaile Nagusia: Thomas SCHÄFER  
Erakunde Laguntzailea: Europar Batasuna  
Erreferentzia: COST 13/01  
Iraupena: Urtarrila 2014 – Azaroa 2015  
Laguntza 2014: 160.002 €

#### INTERFACES DE POLÍMEROS SENSIBLES A ESTÍMULOS EXTERNOS

Ikertzaile Nagusia: Thomas SCHÄFER  
Erakunde Laguntzailea: MINECO  
Erreferentzia: MINECOR 13/P40 (CTQ2013-41113-R)  
Iraupena: Urtarrila 2014 – Abendua 2016  
Laguntza 2014: 45.908,50 €

#### SÍNTESIS Y CARACTERIZACIÓN DE UNA NUEVA GENERACIÓN DE COPOLÍMEROS BIODEGRADABLES Y SU ESTUDIO DE MISCIBILIDAD CON MOLÉCULAS BIOLÓGICAMENTE ACTIVAS

Ikertzaile Nagusia: José R. SARASUA y Emilio MEAURIO  
Erakunde Laguntzailea: MINECO  
Erreferentzia: MAT2013-45559-P  
Iraupena: Urtarrila 2014 – Abendua 2016  
Laguntza 2014: 0 €

#### APLICACIÓN DE LA NANOTECNOLOGÍA AL DESARROLLO DE NUEVOS MATERIALES POLIMÉRICOS BIODEGRADABLES CON PROPIEDADES MEJORADAS

Ikertzaile Nagusia: M<sup>a</sup> Dolores FERNÁNDEZ  
Erakunde Laguntzailea: Eusko Jaurlaritzza (Saiotek 2012)

Erreferentzia: S-PE12UN006  
Iraupena: Urtarrila 2012 - Ekaina 2014  
Laguntza 2014: 0 €

#### DISEÑO DE NANOCOMPUESTOS DE MATRIZ POLIMÉRICA BIODEGRADABLE DE INTERÉS TECNOLÓGICO

Ikertzaile Nagusia: M<sup>a</sup> Jesús FERNÁNDEZ  
Erakunde Laguntzailea: Eusko Jaurlaritz (Saiotek 2013)  
Erreferentzia: S-PE13UN004  
Iraupena: Urtarrila 2013 - Ekaina 2014  
Laguntza 2014: 0 €

#### DESARROLLO DE NUEVOS IMPLANTES DENTALES CON CARACTERÍSTICAS ANTIBACTERIANAS PARA EVITAR LA PERI-IMPLANTITIS (BACDENT)

Ikertzaile Nagusia: Mariló GURRUCHAGA  
Erakunde Laguntzailea: MINECO (INNPACTO)  
Erreferentzia: IPT-2012-0218-090000  
Iraupena: Urtarrila 2013 – Abendua 2015  
Laguntza 2014: 33.672,25 €

#### AVANCES EN QUIMICA CUANTICA

Ikertzaile Nagusia: Jesus M. UGALDE  
Erakunde Laguntzailea: Eusko Jaurlaritz  
Erreferentzia: ITT588-13  
Iraupena: Urtarrila 2013 – Abendua 2018  
Laguntza 2014: 83.000 €

#### APLICACIONES DE LA TEORIA DEL FUNCIONAL DE ORBITALES NATURALES A NANOPARTICULAS BIOLÓGICAS

Ikertzaile Nagusia: Mario PIRIS  
Erreferentzia: S-PC12UN005  
Erakunde Laguntzailea: Gobierno Vasco (Departamento de Industria, Programa SAIOTEK)  
Iraupena: Urtarrila 2012 - Ekaina 2014  
Laguntza 2014: 17.965,9 €

#### EXPLOSIONES CULÓMBICAS INDUCIDAS POR PULSOS LASER ULTRAITENSOS Y ULTRACORTOS

Ikertzaile Nagusia: Andreas HEIDENREICH  
Erreferentzia: S-PC12UN002  
Erakunde Laguntzailea: Eusko Jaurlaritz (Industria Saila, Programa SAIOTEK)  
Iraupena: Urtarrila 2012 - Ekaina 2014  
Laguntza 2014 2014: 17.965,9 €

#### DISEÑO DE NUEVOS NANOMATERIALES SEMICONDUCTORES PARA SU POSIBLE APLICACIÓN EN BIOLOGÍA

Ikertzaile Nagusia: Jesus M. UGALDE  
Erreferentzia: S-PC12UN003  
Erakunde Laguntzailea: Eusko Jaurlaritz (Industria Saila, Programa SAIOTEK)  
Iraupena: Urtarrila 2012 - Ekaina 2014  
Laguntza 2014: 7.746,70 €

ESTRATEGIAS COMPUTACIONALES PARA LA OPTIMIZACIÓN DE CELDAS SOLARES DE INYECCIÓN DIRECTA

Ikertzaile Nagusia: David CASANOVA

Erreferentzia: S-PC13UN002

Erakunde Laguntzailea: Eusko Jaurlaritza (Industria Saila, Programa SAIOTEK)

Iraupena: Urtarrila 2012 - Ekaina 2014

Laguntza 2014: 7.586,39 €

INTERACCIÓN DEL ALUMINIO (III) CON BIOLIGANDOS Y EFECTOS RADICALARIOS EN BIOMOLÉCULAS

Ikertzaile Nagusia: Jose Javier LOPEZ

Erakunde Laguntzailea: Ministerio de Economía y Competitividad (MINECO)

Erreferentzia: CTQ2012-38496-C05-04

Iraupena: Urtarrila 2013 – Abendua 2015

Laguntza 2014: 13.000 €

NANOPARTÍCULAS DE METALES DE TRANSICIÓN

Ikertzaile Nagusia: Jesus M. UGALDE

Erakunde Laguntzailea: Ministerio de Economía y Competitividad (MINECO)

Erreferentzia: CTQ2012-38496-C05-01

Iraupena: Urtarrila 2013 – Abendua 2015

Laguntza 2014: 4.000 €

EFECTOS DEL ALUMINIO EN SISTEMAS BIOLÓGICOS: UNA APROXIMACIÓN COMPUTACIONAL

Ikertzaile Nagusia: Xabier LOPEZ

Erreferentzia: S-PC12UN006

Erakunde Laguntzailea: UPV/EHU (Proyecto Estratégico/especial UPV/EHU)

Iraupena: Urtarrila 2014 - Abendua 2018

Laguntza 2014: 37.791,78 €

BASES MOLECULARES DE LA TOXICIDAD DEL ALUMINIO EN SISTEMAS BIOLÓGICOS Y DE SU ESPECIACIÓN EN VIVO

Ikertzaile Nagusia: Xabier LOPEZ

Erreferentzia: S-PC12UN006

Erakunde Laguntzailea: Gobierno Vasco (Industria Saila, Programa SAIOTEK)

Iraupena: Urtarrila 2012 - Ekaina 2014

Laguntza 2014: 17.965,9 €

DESCRIPCIÓN DE INTERACCIONES NO-COVALENTES POR MEDIO DEL MÉTODO PNO5-PT2

Ikertzaile Nagusia: Mario PIRIS

Erreferentzia: S-PC13UN00

Erakunde Laguntzailea: Eusko Jaurlaritza (Industria Saila, Programa SAIOTEK)

Iraupena: Urtarrila 2012 - Ekaina 2014

Laguntza 2014: 7.746,70 €

CONCEPTION, FABRICATION ET CARACTÉRISATION DES COMPOSITES POLYMÈRES ISSUS DE RESSOURCES BIODÉGRADABLES (BIOCOMP-SOURCE)

Ikertzaile Nagusia: Gonzalo GERRIKA-ETXEBARRIA (UPV/EHU)  
Erakunde Laguntzailea: POCTEFA (Cooperación Territorial España-Francia-Andorra)  
Erreferentzia: EFA 179/11  
Iraupena: Urtarrila 2012 – Abendua 2014  
Laguntza 2014: 28.500 €

AYUDA PARA APOYAR LAS ACTIVIDADES DE GRUPOS DE INVESTIGACION DEL SISTEMA UNIVERSITARIO VASCO

Ikertzaile Nagusia: José Ignacio EGUIAZÁBAL  
Erakunde Laguntzailea: Eusko Jaurlaritza  
Erreferentzia: IT611-13  
Iraupena: Urtarrila 2013 – Abendua 2018  
Laguntza 2014: 41.200 €

*(Materialen Fisika Saila)*

ESMI II-EUROPEAN SOFT MATTER INFRASTRUCTURE

Ikertzaile Nagusia: A. M. ALEGRIA  
Erakunde Laguntzailea: CE  
Iraupena: 2011/12/01-2014/11/30  
Laguntza: 0,00 €

DESARROLLO DE MICROHILOS MAGNÉTICOS CON PROPAGACIÓN ULTRARRÁPIDA DE PAREDES DE DOMINIOS MAGNÉTICOS

Ikertzaile Nagusia: A. P. ZHUKOV  
Erakunde Laguntzailea: Eusko Jaurlaritza  
Iraupena: 2013/01/01-2014/06/30/06/2014  
Laguntza: 1.738,82

ESTUDIO DE LAS PROPIEDADES MAGNETICAS Y DEL EFECTO DE MAGNETOIMPEDANCIA DE MICROHILOS NANOCRISTALINOS

Ikertzaile Nagusia: V. ZHUKOVA  
Erakunde Laguntzailea: Eusko Jaurlaritza  
Iraupena: 2013/01/01-2014/06/30  
Laguntza: 1.565,76

NANOPARTÍCULAS POLIMÉRICAS UNIMOLECULARES FUNCIONALES (FUNAP)

Ikertzaile Nagusia: J. A. POMPOSO  
Erakunde Laguntzailea: Eusko Jaurlaritza  
Iraupena: 2013/01/01-2014/06/30  
Laguntza: 3.456,88

RESPSPATDISP- FIRST-PRINCIPLES THEORY OF SPATIAL DISPERSION IN ELECTROMAGNETIC RESPONSE OF SOLIDS: APPLICATIONS TO NATURAL OPTICAL ACTIVITY AND MAGNETOELECTRIC EFFECT

Ikertzaile Nagusia: A. RUBIO  
Erakunde Laguntzailea: CE  
Iraupena: 2013/06/01-2015/05/31  
Laguntza: 166.336,20

MAGNETOELECTRIC COUPLINGS IN SOLIDS AND RELATED PHENOMENA:

Ikertzaile Nagusia: I. N. SALDANHA

Erakunde Laguntzailea: CE

Iraupena: 2013/12/01-2017/11/30

Laguntza: 100.000,00

NUEVOS ENFOQUES PARA EL TRANSPORTE ELECTRÓNICO Y TÉRMICO.

Ikertzaile Nagusia: R. D'AGOSTA

Erakunde Laguntzailea: Gipuzkoako Foru Aldundia

Iraupena: 2012/01/01-2014/04/01

Laguntza: 0,00

CRONOS- TIME DYNAMICS AND CONTROL IN NANOSTRUCTURES FOR MAGNETIC RECORDING AND ENERGY

Ikertzaile Nagusia: A. RUBIO

Erakunde Laguntzailea: CE

Iraupena: 2012/07/01-2015/06/30

Laguntza: 187.500,00

POCAONTAS: POLYMER - CARBON NANOTUBES ACTIVE SYSTEMS FOR PHOTOVOLTAICS

Ikertzaile Nagusia: A. RUBIO

Erakunde Laguntzailea: CE

Iraupena: 2012/11/01-2016/10/31

Laguntza: 0,00

ENERGY MATERIALS: FUNDAMENTAL DEVELOPMENTS IN AB-INITIO COMPUTATIONAL MATERIAL SCIENCE

Ikertzaile Nagusia: A. RUBIO

Erakunde Laguntzailea: Eusko Jaurlaritza

Iraupena: 2013/01/01-2018/12/31

Laguntza: 538.398,00

LOS POLÍMEROS Y LOS NANOCOMPUESTOS DE MATRIZ POLIMÉRICA, BAJO LA PERSPECTIVA DE LA RELACIÓN ESTRUCTURA-REOLOGÍA-PROPIEDADES

Ikertzaile Nagusia: P. A. SANTAMARIA

Erakunde Laguntzailea: Eusko Jaurlaritza

Iraupena: 2013/01/01-2018/12/31

Laguntza: 101.198,00

NANOMAGNETISMO Y SPINTRÓNICA

Ikertzaile Nagusia: J. M. GONZALEZ

Erakunde Laguntzailea: Eusko Jaurlaritza

Iraupena: 2013/01/01-2015/12/31

Laguntza: 104.300,00

ESTUDIO DE LOS EXCOPOLISACARIDOS MICROBIANOS

Ikertzaile Nagusia: M. T. DUEÑAS

Erakunde Laguntzailea: Eusko Jaurlaritza

Iraupena: 2013/01/01-2015/12/31  
Laguntza: 43.600,00

#### POLÍMEROS Y MATERIA CONDENSADA BLANDA

Ikertzaile Nagusia: J. COLMENERO  
Erakunde Laguntzailea: Eusko Jaurlaritza  
Iraupena: 2013/01/01-2018/12/31  
Laguntza: 193.999,00

#### FISICA DE NANOESTRUCTURAS EXPERIMENTAL

Ikertzaile Nagusia: J. E. ORTEGA  
Erakunde Laguntzailea: Eusko Jaurlaritza  
Iraupena: 2013/01/01-2018/12/31  
Laguntza: 163.199,00

#### CARACTERIZACIÓN TOPOGRÁFICA Y ESPECTROSCÓPICA DE NANO-ESTRUCTURAS SOBRE SUPERFICIES CON MICROSCOPIO DE EFECTO TÚNEL A LA TEMPERATURA DE 1 GRADO KELVIN

Ikertzaile Nagusia: L. VITALI  
Erakunde Laguntzailea: Eusko Jaurlaritza  
Iraupena: 2013/01/01-2015/12/31  
Laguntza: 26.000,00

#### ESTUDIO TEORICO DE PROPIEDADES ESTRUCTURALES Y ELECTRÓNICAS DE NANOESTRUCTURAS Y SUPERFICIES

Ikertzaile Nagusia: A. ARNAU  
Erakunde Laguntzailea: Eusko Jaurlaritza  
Iraupena: 2013/01/01-2018/12/31  
Laguntza: 333.599,00

#### ESTRUCTURA DINÁMICA DE MATERIALES COMPLEJOS BASADOS EN POLÍMEROS.

Ikertzaile Nagusia: J. COLMENERO  
Erakunde Laguntzailea: Ministerio de Economica y Competitividad  
Iraupena: 2013/01/01-2015/12/31  
Laguntza: 370.002,01

#### PRODUCCIÓN DE EXOPOLISACÁRIDOS FUNCIONALES Y OLIGOSACÁRIDOS POR BACTERIAS LÁCTICAS.

Ikertzaile Nagusia: M. T. DUEÑAS  
Erakunde Laguntzailea: Ministerio de Economica y Competitividad  
Iraupena: 2013/02/01-2016/01/31  
Laguntza: 87.750,00

#### EFFECTOS MAGNETOELÉCTRONICOS ESTÁTICOS Y ÓPTICOS EN CRISTALES.

Ikertzaile Nagusia: I. N. SALDANHA  
Erakunde Laguntzailea: Ministerio de Economica y Competitividad  
Iraupena: 2013/02/01-2015/12/31  
Laguntza: 65.000,00

DYNAMO- DYNAMICAL PROCESSES IN OPEN QUANTUM SYSTEMS: PUSHING THE FRONTIERS OF THEORETICAL SPECTROSCOPY

Ikertzaile Nagusia: A. RUBIO

Erakunde Laguntzailea: CE

Iraupena: 2011/04/01-2016/03/31

Laguntza: 0,00

DISEÑO, PROCESADO, PROPIEDADES Y APLICACIONES DE POLIMEROS Y BIOPOLIMEROS - NUEVOS MATERIALES POLIMERICOS Y PROCESOS CATALITICOS

Ikertzaile Nagusia: J. I. EGUIAZABAL

Erakunde Laguntzailea: UPV/EHU

Iraupena: 2011/11/01-2014/12/31

Laguntza: 159.305,40

JUAN MARÍA GARCÍA LASTRA - IP GRUPO ÁNGEL RUBIO SECADES.

Ikertzaile Nagusia: A. RUBIO

Erakunde Laguntzailea: Ministerio de Ciencia e Innovación - MICINN

Iraupena: 2012/01/01-2016/12/31

Laguntza: 183.600,00

EUROPEAN SOFT MATTER INFRASTRUCTURE

Ikertzaile Nagusia: A. M. ALEGRIA

Erakunde Laguntzailea: CE

Iraupena: 2011/01/01-2014/12/31

Laguntza: 0,00

TAILORING ELECTRONIC AND PHONONIC PROPERTIES OF NANO MATERIALS: TOWARDS IDEAL THERMOELECTRICITY

Ikertzaile Nagusia: R. D'AGOSTA

Erakunde Laguntzailea: Ministerio de Ciencia e Innovación - MICINN

Iraupena: 2011/01/01-2015/12/31

Laguntza: 202.500,00

MOWBRAY, DUNCAN JOHN

Ikertzaile Nagusia:

Erakunde Laguntzailea: Ministerio de Ciencia e Innovación - MICINN

Iraupena: 2011/04/01-2014/03/31

Laguntza: 100.980,00

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Ikertzaile Nagusia: A. RUBIO

Erakunde Laguntzailea: UPV/EHU

Iraupena: 2010/06/01-2014/05/31

Laguntza:

FIRST PRINCIPLES METHODS OF COMPUTATIONAL ELECTRONIC-STRUCTURE THEORY OF SOLIDS.

Ikertzaile Nagusia: I. N. SALDANHA

Erakunde Laguntzailea: IKERBASQUE Fundazioa

Iraupena: 2012/08/28-2014/08/31



Laguntza: 0,00

IDENTIFICATION AND ANALYSIS OF PROGNOSTIC BIOMARKERS ASSOCIATED WITH CEREBROVASCULAR DISEASE

Ikertzaile Nagusia: M. CORSO

Erakunde Laguntzailea: IKERBASQUE Fundazioa

Iraupena: 2012/11/21-2017/10/07

Laguntza: 4.000,00

EFFICIENT SIMULATION OF DEPOSITION, PATTERNING AND ETCHING FOR ADVANCED MEMS DESIGN

Ikertzaile Nagusia: M. A. GOSALVEZ

Erakunde Laguntzailea: Gobierno de la ciudad de Nanjing, Provincia de Jiangsu, China

Iraupena: 04/2013-12/2015

Laguntza: 1 millón CNY (~124,665.00 e) [1e=8.02 CNY, 2013-07-15]

PHOTOPHYSICS OF FLUORESCENT PROTEINS

Ikertzaile Nagusia: A. RUBIO

Erakunde Laguntzailea: CE

Iraupena: 2014/04/01 – 2016/03/31

Laguntza: 173.370,60

IMPULSO A LA INVESTIGACIÓN EN NUEVOS MATERIALES CON APLICACIONES ENERGÉTICAS Y ESPECTROSCOPIA TEÓRICA CON EL OBJETIVO DE AFIANZAR LA EUROPEAN THEORETICAL SPECTROSCOPY FACILITY (ETSF) COMO PLATAFORMA EUROPEA EN LA UNIVERSIDAD

Ikertzaile Nagusia: A. RUBIO

Erakunde Laguntzailea: UPV/EHU

Iraupena: 2014/05/01 – 2018/04/30

Laguntza: 54.127,20

CANADA

Ikertzaile Nagusia: M. FARZANEHPOUR

Erakunde Laguntzailea: UPV/EHU

Iraupena: 2014/07/01 – 2014/09/30

Laguntza: 3.300,00

INTERNATIONAL CONFERENCE ON MARTENSITIC TRANSFORMATIONS 2014

Ikertzaile Nagusia: J. M. SAN JUAN

Erakunde Laguntzailea: UPV/EHU

Iraupena: 2014/07/01 – 2014/12/31

Laguntza: 10.000,00

FUERZAS Y TUNEL 2014

Ikertzaile Nagusia: A. ARNAU

Erakunde Laguntzailea: UPV/EHU

Iraupena: 2014/08/01 – 2015/03/01

Laguntza: 4.500,00

OPTICAL CHARGE TRANSFER PROCESSES IN EARLY STAGES OF PHOTOSYNTHESIS

FROM

Ikertzaile Nagusia: A. RUBIO

Erakunde Laguntzailea: CE

Iraupena: 2014/10/01 – 2016/09/30

Laguntza: 166.336,20

MICROHILOS MAGNÉTICOS - ELEMENTOS ESENCIALES PARA QUE UN VEHÍCULO PUEDA CIRCULAR SIN CONDUCTOR

Ikertzaile Nagusia: O. CHYZHYK

Erakunde Laguntzailea: Eusko Jaurlaritza

Iraupena: 2014/10/15 – 2014/12/15

Laguntza: 0,00

SONDA RMN-SÓLIDOS PARA NÚCLEOS DE BAJA GAMMA

Ikertzaile Nagusia: J. M. AIZPURUA

Erakunde Laguntzailea: Ministerio de Economía y Competitividad - MINECO

Iraupena: 2013/01/01 – 2015/12/31

Laguntza: 23.750,00

ACTUALIZACIÓN DEL MAGNETÓMETRO SQUID A UN MAGNETÓMETRO SQUID-VSM CON RECUPERADOR DE HE LÍQUIDO

Ikertzaile Nagusia: L. M. LEZAMA DIAGO

Erakunde Laguntzailea: Ministerio de Economía y Competitividad - MINECO

Iraupena: 2013/01/01 – 2015/12/31

Laguntza: 244.175,00

RENOVACIÓN DE RECURSOS COMPUTACIONALES DE LA UPV/EHU

Ikertzaile Nagusia: J. UGALDE

Erakunde Laguntzailea: Ministerio de Economía y Competitividad - MINECO

Iraupena: 2013/01/01 – 2015/12/31

Laguntza: 150.000,00

DESARROLLOS FUNDAMENTALES PARA LA SIMULACIÓN Y CARACTERIZACIÓN DE PROCESOS DINÁMICOS FUERA DEL EQUILIBRIO EN SISTEMAS MOLECULARES: MATERIALES PARA APLICACIONES ENERGÉTICAS

Ikertzaile Nagusia: A. RUBIO

Erakunde Laguntzailea: Ministerio de Economía y Competitividad - MINECO

Iraupena: 2014/01/01 – 2016/12/31

Laguntza: 107.000,00

NUEVOS MATERIALES (MICRO-NANO ESTRUCTURADOS) PARA DISPOSITIVOS DE EXTRACCIÓN Y CESIÓN DE CALOR, ACTUADORES, SENSORES Y MEMORIAS MAGNÉTICAS

Ikertzaile Nagusia: A. P. ZHUKOV

Erakunde Laguntzailea: Ministerio de Economía y Competitividad - MINECO

Iraupena: 2014/07/01 - 2018/06/30

Laguntza: 89.796,00

ESTUDIO DE NUEVOS TIPOS DE DINÁMICA DE IMANACIÓN Y MATERIALES PARA APLICACIONES DE BAJO CONSUMO

Ikertzaile Nagusia: K. GUSLIYENKO  
Erakunde Laguntzailea: Ministerio de Economía y Competitividad - MINECO  
Iraupena: 2014/07/01 – 2017/06/30  
Laguntza: 44.898,00

#### REACTIVIDAD, PROPIEDADES ELECTRÓNICAS Y ESTRUCTURALES DE SISTEMAS COMPLEJOS

Ikertzaile Nagusia: J. I. JUARISTI  
Erakunde Laguntzailea: Ministerio de Economía y Competitividad - MINECO  
Iraupena: 2014/07/01 – 2017/06/30  
Laguntza: 125.000,00

#### EFFECTOS DINÁMICOS DE CORRELACIÓN EN TRANSPORTE ELECTRÓNICO Y TERMICO

Ikertzaile Nagusia: S. KURTH  
Erakunde Laguntzailea: Ministerio de Economía y Competitividad - MINECO  
Iraupena: 2014/07/01 - 2017/06/30  
Laguntza: 20.000,00

*(Kimika Aplikatua Saila)*

#### HIDRUROIRIDA- $\beta$ -DICETONAS Y SISTEMAS RELACIONADOS PARA APLICACIONES CATALÍTICAS

Erreferentzia: CTQ2011-24859/BQU  
Ikertzaile Nagusia: GARRALDA HUALDE, M<sup>a</sup> Ángeles  
Ministerio de Ciencia e Innovación (MICINN)  
Iraupena: 2012.01.01 – 2014.12.31  
Laguntza: 27.000 €

#### QUÍMICA DE COMPLEJOS DE IRIDIO Y/O RODIO. IMPLICACIONES EN DESARROLLO SOSTENIBLE

Erreferentzia: GIU10/04  
Ikertzaile Nagusia: GARRALDA HUALDE, M<sup>a</sup> Ángeles  
UPV/EHU  
Iraupena: 2010.12.01 – 2013.11.30  
Laguntza: 40.000 €

#### ORGANOCOMPLEJOS PARA APLICACIONES EN CATÁLISIS Y/O EN MATERIALES DE INTERÉS TECNOLÓGICO

Erreferentzia: GIU13/06 (UPV/EHU)  
Ikertzaile Nagusia: GARRALDA HUALDE, M<sup>a</sup> Ángeles  
Iraupena: 2013.12.01 – 2016.11.30  
Laguntza: 35.000 €

#### COMPLEJOS ORGANOMETÁLICOS PARA EL DESARROLLO SOSTENIBLE. SÍNTESIS DE CATALIZADORES Y LIBERACIÓN DE HIDRÓGENO

Erreferentzia: S-PE13UN023, Gobierno Vasco (Programa Saiotek)  
Ikertzaile Nagusia: GARRALDA HUALDE, M<sup>a</sup> Ángeles  
Iraupena: 2013.07.01 – 2013.12.31  
Laguntza: 5.901,51 €

Ir(III) BASED OLEDs. AN INORGANIC CHEMIST PERSPECTIVE AND PROSPECTIVE

Erreferentzia: CTQ2011-23333

Ikertzaile Nagusia: FREIXA FERNÁNDEZ, Zoraida

Ministerio de Ciencia e Innovación (MICINN)

Iraupena: 2012.01.01 – 2014.12.31

Laguntza: 30.000,00 €

HIDROGENACIÓN/DESHIDROGENACIÓN FOTORREVERSIBLE

Erreferentzia: S-PE13UN020 (Eusko Jaurlaritza)

Ikertzaile Nagusia: FREIXA FERNÁNDEZ, Zoraida

Iraupena: 2013.01.01 – 2013.12.31

Laguntza: 4.073 €

DISEÑO Y SÍNTESIS DE NUEVOS MATERIALES MAGNÉTICOS BASADOS EN COMPUESTOS DE COORDINACIÓN. IMANES MOLECULARES

Erreferentzia: S-PE12UN018

Ikertzaile Nagusia: SECO BOTANA, José Manuel

Programa SAIOTEK Eusko Jaurlaritza

Iraupena: 2012.01.01 – 2013.12.31

Laguntza: 15.312,82 €

DISEÑO, SÍNTESIS Y PROCESAMIENTO DE NUEVOS MATERIALES MAGNÉTICOS FUNCIONALES BASADOS EN COMPUESTOS DE COORDINACIÓN: MOLÉCULAS IMÁN LUMINISCENTES, AGENTES DE CONTRASTE EN MRI Y NANORREFRIGERANTES

Erreferentzia: S-PE13UN053 Programa SAIOTEK Eusko Jaurlaritza

Ikertzaile Nagusia: SECO BOTANA, José Manuel

Iraupena: 2013.01.01 – 2013.12.31

Laguntza: 3.775,03 €

NUEVOS MÉTODOS EFICIENTES Y VERSÁTILES DE SÍNTESIS DE AMINOÁCIDOS ENANTIOMÉRICAMENTE PUROS

Erreferentzia: S-PE12UN044

Ikertzaile Nagusia: FREIXA FERNÁNDEZ, Zoraida

Programa SAIOTEK Eusko Jaurlaritza

Iraupena: 2012.01.01 – 2013.12.31

Laguntza: 18.559,57 €

DISEÑO Y SÍNTESIS DE MOF PARA EL SECUESTRO Y SEPARACIÓN DE GASES TÓXICOS

Erreferentzia: EHUA13/31 (UPV/EHU)

Ikertzaile Nagusia: MENDICUTE FIERRO, Claudio

Iraupena: 2013.07.23 – 2015.07.22

Laguntza: 2.336 €

NUEVOS MATERIALES MAGNÉTICOS MULTIFUNCIONALES. IMANES MOLECULARES UPV/EHU

Erreferentzia: EHUA12/07 (UPV/EHU)

Ikertzaile Nagusia: BARQUIN MUGA, Maria Montserrat

Iraupena: 2013.01.01 – 2014.12.31

Laguntza: 6.208,00 €

Entidades participantes: UPV/EHU, Universidad de Granada

BIODEGRADACIÓN DE HIDROCARBUROS Y PROCESOS DIAGENÉTICOS ASOCIADOS EN RESERVORIOS EXHUMADOS

Erreferentzia: CGL2010-15887 (subprograma BTE)

Ikertzaile Nagusia: A. Permanyer Bastardas

Ikertzaile UPV/EHU: DORRONSORO, Carmen

UPV/EHU

Iraupena: 2010.12.01 – 2013.12.31

Laguntza: 50.000,00 €

FORMACIÓN DE FUENTES HIDROTERMALES SUBMARINAS RICAS EN HIDROCARBUROS EN EL CRETÁCICO DE LA CUENCA VASCO-CANTÁBRICA Y SU RELACIÓN CON EVENTOS TECTONO-MAGMÁTICOS

Erreferentzia: EHU11/42

Ikertzaile Nagusia: L. M. Agirrezabala Mundiñano

Ikertzaile UPV/EHU: DORRONSORO, Carmen

UPV/EHU

Iraupena: 2012.01.01 – 2013.12.31

Laguntza: 13.600 €

AYUDAS PARA APOYAR LAS ACTIVIDADES DE INVESTIGACIÓN DEL SISTEMA UNIVERSITARIO VASCO

Erreferentzia: IT866-13

Ikertzaile Nagusia: DUEÑAS, María Teresa

Eusko Jaurlaritza

Iraupena: 2013.01.01 – 2015.12.31

Laguntza: 43.600 €

CARACTERIZACIÓN MOLECULAR DE BACTERIAS LÁCTICAS AISLADAS DE SIDRA PARA SU UTILIZACIÓN PARA EL DESARROLLO DE NUEVOS ALIMENTOS FUNCIONALES Y COMO CULTIVOS INICIADORES PARA LA ELABORACIÓN DE SIDRA

Erreferentzia: S-PC12UN019

Ikertzaile Nagusia: DUEÑAS, María Teresa

SAIOTEK Eusko Jaurlaritza

Iraupena: 2012.06.01 - 2013.12.31

Laguntza: 23.720,00 € (6.427€ 2012an)

PRODUCCIÓN DE EXOPOLISACÁRIDOS FUNCIONALES Y OLIGOSACÁRIDOS POR BACTERIAS LÁCTICAS

Erreferentzia: AGL2012-40084-C03-03

Ikertzaile Nagusia: DUEÑAS, María Teresa

Ministerio de Economía y Competitividad

Iraupena: 2013.01.01 – 2015.12.31

Laguntza: 87.750 €

JAN4U-DIETA PERSONALIZADA: DISEÑO Y DESARROLLO DE PRODUCTOS ALIMENTICIOS DIRIGIDOS A MEJORAR EL ESTADO DE SALUD DE SECTORES ESPECÍFICOS DE LA POBLACIÓN

Erreferentzia: IE13-356, Proyectos de Investigación Estratégica

Ikertzaile Nagusia: DUEÑAS, María Teresa  
ETORTEK Eusko Jaurlaritza  
Iraupena: 2013.01.01 – 2014.12.31  
Laguntza: 13.893 €

MORPHOLOGY CONTROL FOR WATERBORNE ICEPHOBIC COATINGS AND  
NANOSTRUCTURED QUANTUM DOTS CONTAINING PARTICLES  
Erreferentzia: CTQ 2011-25572  
Ikertzaile Nagusia: ASUA, J. María  
MINECO  
Iraupena: 2012.01.01 – 2014.12.31  
Laguntza: 333.960,00 €

GRUPOS CONSOLIDADOS DEL SISTEMA UNIVERSITARIO VASCO. "POLIMERIZACIÓN EN  
SISTEMAS HETEROGÉNEOS  
Erreferentzia: IT-373-10  
Ikertzaile Nagusia: ASUA, J. María  
UPV- Eusko Jaurlaritza  
Iraupena: Maiatza 2010 - Maiatza 2015  
Laguntza: 990.000 €

MEJORAS EN LA DETERMINACIÓN DE FRAGANCIAS SINTÉTICAS POR CROMATOGRFÍA  
ELECTROCINÉTICA MICELAR. USO DE APLICACIONES QUIMIOMÉTRICAS Y DE SISTEMAS  
DE MINIATURIZACIÓN  
Erreferentzia: EHU11/20  
Ikertzaile Nagusia: MILLÁN, Esmeralda  
UPV/EHU  
Iraupena: 2011.11.10 – 2013.11.09  
Laguntza: 12.000 €

CONTRIBUCIÓN DE LA VARIEDAD DE MANZANA Y LOS POLIFENOLES A LAS  
PROPIEDADES DE LA SIDRA NATURAL DEL PAÍS VASCO  
Erreferentzia: EHU11/19, UPV (programa Zabalduz)  
Ikertzaile Nagusia: Iñaki BERREGI ABALDE  
Iraupena: 2013.01.01 – 2015.12.31  
Laguntza: 47.915 € (15.972 €/año)

USO DE HERRAMIENTAS QUIMIOMÉTRICAS PARA LA MEJORA CONJUNTA DE LA  
SENSIBILIDAD Y LA SELECTIVIDAD EN LAS DETERMINACIONES CUANTITATIVAS  
MEDIANTE <sup>1</sup>H-RMN Y <sup>31</sup>P-RMN  
Erreferentzia: UPV/EHU  
Ikertzaile Nagusia: Miren OSTRA BELDARRAIN  
Iraupena: 2012.11.10 – 2013.11.09  
Laguntza: 8.000 €

GRUPO DE QUIMIOMETRÍA APLICADA  
Erreferentzia: GIU13/15, UPV/EHU  
Ikertzaile Nagusia: Miren OSTRA BELDARRAIN  
Iraupena: 2013.11.29 – 2016.11.28  
Laguntza: 18.000 €

QUIMIOMETRIA APLICADA A LA INDUSTRIA DE ELECTRODEPOSICIÓN DE METALES  
UPV/EHU

Erreferentzia: PES13/10, UPV/EHU

Ikertzaile Nagusia: Miren OSTRA BELDARRAIN

Iraupena: 2013.04.01 – 2015.03.31

Laguntza: 5.677 €

ESPECTROFOTÓMETRO UV-VISIBLE DE DOBLE HAZ

Erreferentzia: INF13/40, UPV/EHU (Infraestructura)

Ikertzaile Nagusia: Miren OSTRA BELDARRAIN

Iraupena: 2013.01.01 – 2013.12.31

Laguntza: 9.316.81 €

ANÁLISIS DE IMAGEN PARA LA EVALUACIÓN DE ELECTRODEPÓSITOS METÁLICOS Y EL CONTROL DEL BAÑO ELECTROLÍTICO

Erreferentzia: S-PE13UN087, SAIOTEK Eusko Jaurlaritza

Ikertzaile Nagusia: Maider VIDAL POSTIGO

Iraupena: 2013.01.01 – 2013.12.31

Laguntza: 4.599,50 €

DESARROLLO DE MICROTECNOLOGÍAS DE EXTRACCIÓN ANALÍTICA BASADAS EN LA FORMACIÓN DE LA GOTA SÓLIDA (SFOD-LPME). APLICACIÓN A LA DETERMINACIÓN DE COMPUESTOS ORGÁNICOS EN MUESTRAS AMBIENTALES

Erreferentzia: EHU13/52, UPV/EHU

Ikertzaile Nagusia: Rosa GARCIA ARRONA

Iraupena: 2013.07.12 – 2015.07.11

Laguntza: 7.296 €

DESARROLLO DE MICRO TECNOLOGÍAS ANALÍTICAS BASADAS EN LA EXTRACCIÓN LIQUIDO-LIQUIDO. APLICACIÓN A LA DETERMINACIÓN DE COMPUESTOS ALÉRGICOS EN PRODUCTOS DE COSMÉTICAS Y MUESTRAS AMBIENTALES

Erreferentzia: SAIOTEK, Eusko Jaurlaritza

Ikertzaile Nagusia: Rosa GARCIA ARRONA

Iraupena: 2013.01.01 - 2013.12.31

Laguntza: 482.17 €

APROVECHAMIENTO DE GAS NO CONVENCIONAL: REACTORES DE MICROCANALES EN GTL

Erreferentzia: ENE2012-37431-C03-02, MICINN

Ikertzaile Nagusia: Mario MONTES

Iraupena: 2013.01.02 - 2015.12.31

Laguntza: 131.000 € (2013: 45.000 €)

*(Kimika Organikoa I Saila)*

CATALIZADORES MONO- Y BIFUNCIONALES PARA TRANSFORMACIONES ORGÁNICAS

Erreferentzia: CTQ2013-47925-C2-1-P

Ikertzaile Nagusia: Claudio Palomo, Mikel Oiarbide

Erakunde finantzatzailea/k: Ministerio de Economía y Competitividad, MEC

Iraupena: 2013 - 2016  
Laguntza: 244.000 €  
CATÁLISIS ASIMÉTRICA Y SÍNTESIS QUÍMICA  
Erreferentzia: IT-628-13  
Ikertzaile Nagusia: Claudio Palomo  
Erakunde finantzatzailea: Eusko Jaurlaritza  
Iraupena: 2013 - 2018  
Laguntza: 422,600 €

QUÍMICA ORGÁNICA, SÍNTESIS Y CATÁLISIS  
Erreferentzia: (QOSYC) (UFI)  
Ikertzaile Nagusia: Claudio Palomo  
Erakunde finantzatzailea/k: UPV/EHU  
Iraupena: 2011 - 2014/12/31

SUBVENCIÓN A GRUPOS CONSOLIDADOS DE GOBIERNO VASCO  
Erakunde finantzatzailea: Eusko Jaurlaritza  
Ikertzaile Nagusia: Fernando P. Cossío  
Iraupena: 2013 - 2018  
Laguntza: 423.598 €

ESTUDIOS TEÓRICOS Y EXPERIMENTALES SOBRE EL MECANISMO Y LAS APLICACIONES EN CATÁLISIS DE LAS REACCIONES DE CICLOADICIÓN.  
Ikertzaile Nagusia: Fernando P. Cossío  
Erakunde finantzatzailea: MINECO  
Iraupena: 2014 - 2016  
Laguntza: 175.450,00 €

ECHONET (Expanding Capabilities in Heterocyclic Organic Synthesis)  
Erakunde finantzatzailea: 7<sup>th</sup> Framework Programme, ITN Marie-Curie, European Commission  
Erreferentzia: MCITN-2012-316379  
Erakunde partehartzaileak: University of Sheffield, Karlsruhe Institute of Technology, Universitat de Barcelona, Radboud University Nijmegen, Università degli Studi di Firenze, Euskal Herriko Unibertsitatea, Borochem, BayerCropScience  
Iraupena: 2013 - 2016  
Ikertzaile Nagusia (y entidad a la que pertenece): Joseph Harrity (University of Sheffield)  
Parte-hartze mota proiektuan: Partner of the Network / Chair of the Advisory Board  
Ikerlari partehartzaileak (eta UPV/EHUko partehartzaileak): 8 (1 de la UPV Enrique Gomez)

AYUDA RAMÓN Y CAJAL  
Erakunde finantzatzailea: MINECO  
Iraupena: 2014/04/28 – 2018/04/28  
Ikertzaile Nagusia: Arkaitz Correa

NANO Y BIO TECNOLOGÍAS EN ENDOMETRIOSIS  
Erreferentzia: Gaitek IG-2011/0000489  
Ikertzaile Nagusia: Iñaki GANBOA  
Eusko Jaurlaritza  
Erakunde partehartzaileak: UPV/EHU, Genetadi, Mldatech  
Iraupena: 2010/01-2014/12/31



NEOBIO

Erreferentzia: Etorgai ER-2012/00020

Ikertzaile Nagusia: Iñaki GANBOA

Eusko Jaurlaritz

Erakunde partehartzaileak: UPV/EHU, Genetadi, Proteomika

Iraupena: 2012/1/01-2014/12/31

### 3.3. Kontratuak

*(Polimeroen Zientzia eta Teknologia Saila)*

OPTIMIZATION OF THE PROPERTIES OF PC-MELT THROUGH REACTIVE BLENDING

Ikerlari Nagusia: Mikel GAZTELUMENDI eta José Ignacio EGUIAZÁBAL

Erakunde finantzatzailea: SABIC INNOVATIVE PLASTICS ESPAÑA SCPA

Apirila 2013 - Apirila 2015

Laguntza 2014: 87.846 €

SÍNTESIS DE ADHESIVOS EN MEDIOS DISPERSOS

Ikerlari Nagusia: José R. LEIZA, Jose M. ASUA y M. José FERNANDEZ-BERRIDI

Erakunde finantzatzailea: ORIBAY MIRROR BUTTONS, S.L.

Iraupena: Ekaina 2013 – Ekaina 2014

Laguntza 2014: 0 €

MICROPARTÍCULAS POLIMÉRICAS COMO REFUERZO DE ADHESIVOS

Ikerlari Nagusia: José R. LEIZA, Jose M. ASUA y M. José FERNANDEZ-BERRIDI

Erakunde finantzatzailea: ORIBAY MIRROR BUTTONS, S.L.

Iraupena: Abendua 2014 – Azaroa 2015

Laguntza 2014: 5.417 €

MICROENCAPSULACIÓN DE AGENTES DE CURADO

Ikerlari Nagusia: José R. LEIZA, Jose M. ASUA y M. José FERNANDEZ-BERRIDI

Erakunde finantzatzailea: ORIBAY MIRROR BUTTONS, S.L.

Iraupena: Azaroa 2013 – Maiatza 2016

Laguntza 2014: 6.842 €

DESARROLLO DE NUEVAS FORMULACIONES DE COMPUESTOS BASADOS EN HOMOPOLÍMEROS DE CLORURO DE VINILO Y COPOLÍMEROS DE ÉSTE CON OTROS MONÓMEROS

Ikerlari Nagusia: Antxon SANTAMARIA y M<sup>a</sup> Eugenia MUÑOZ

Erakunde finantzatzailea: ERCROS

Iraupena: Maiatza 2009 – Apirila 2016

Laguntza 2014: 60.196 €

SÍNTESIS Y PROPIEDADES DE UN ADHESIVO REVERSIBLE PARA SUJECIÓN DE PIEZAS EN TRABAJOS DE MECANIZADO

Ikerlari Nagusia: José R. LEIZA y M<sup>a</sup> José FERNANDEZ-BERRIDI

Erakunde finantzatzailea: FRESMAK

Iraupena: Martxoa 2014 – Apirila 2016

Laguntza 2014: 45.000 €

*(Kimika Aplikatua Saila)*

CATALIZADORES ESTRUCTURADOS PARA EL PROCESADO DE COMBUSTIBLES

Ikerlari Nagusia: Mario Montes

Enpresa finantzatzailea: Técnicas Reunidas

Laguntza: 42.647,06 €

Iraupena: 2010.01 – 2014.04.30

AUTORREGULADORES FÚNGICOS Y SUS APLICACIONES AGROQUÍMICAS. FASE 4

Ikerlari Nagusia: Unai Ugalde

Enpresa finantzatzailea: Biofungitek S.L.

Laguntza: 22.400 €

Iraupena: 2014-2015

*(Kimika Organikoa I Saila)*

SÍNTESIS MULTIGRAMO DE AGENTES DE FUNCIONALIZACIÓN RGD Y OGP PARA SUPERFICIES PEEK

Erakunde partehartzaileak: Tecnalia Research & Innovation (Contrato UPV2014-159)

Iraupena: 6 hilabete 2014-05-31era arte

Ikerlari Nagusia: Jesús M<sup>a</sup> Aizpurua

NUEVAS TERAPIAS EN CANCER DE MAMA: CARACTERIZACIÓN IN VIVO DE LA ACTIVIDAD Y ESTRUCTURA DEL RECEPTOR DE ESTRÓGENO, BLOQUEO DE VAV-3 Y DESARROLLO DE ANÁLOGOS DE YC-1

Erakunde finantzatzailea: Instituto de Salud Carlos III

Erakunde partehartzaileak: Onkologikoa, CIC\_BioMAGUNE, Instituto Biodonostia, UPV/EHU

Iraupena: 2014 - 2016

Laguntza: 20.000,00 €

Ikerlari Nagusia: Ander Urrutikoetxea

### 3.4. Doktore-tesiak

*(Polimeroen Zientzia eta Teknologia Saila)*

DESARROLLO DE NUEVOS SISTEMAS POLIMERICOS TENACES NANO- Y MICRO-ESTRUCTURADOS

Egilea: Asier Zabaleta Sarasola

Zuzendariak: Imanol Gonzalez, José Ignacio Eguiazábal

Data: 2014/06/05

Bikain "Cum Laude"

ISOPHORONE DIISOCYANATE BASED FLEXIBLE POLYURETHANE FOAMS AND FIRE

Egilea: Izaskun Eceiza Ceberio

Zuzendariak: Aitor Barrio, Lourdes Irusta

Data: 2014/06/13

Bikain "Cum Laude"

COMPUTATIONAL MODELING OF SEMICONDUCTOR NANOCLUSTERS

Egilea: Jon Mikel Azpiroz Apezetxea

Zuzendaria: Jesus M. Ugalde

Data: 2014/06/18

Bikain "Cum Laude"

STRUCTURE AND ELECTRONIC PROPERTIES OF ENDOHEDRALLY DOPED II-VI HOLLOW NANOCLUSTERS

Egilea: Elisa Jimenez Izal

Zuzendariak: Jon M. Matxain, Jesus M. Ugalde

Data: 2014/09/06

Bikain "Cum Laude"

HIGH-PERFORMANCE CONDUCTIVE POLYURETHANE ADHESIVE BY FILLING CARBON NANOTUBES. ELECTRICAL, THERMAL AND RHEOLOGICAL CHARACTERIZATION

Egilea: Maite Landa Albors

Zuzendariak: Maria Eugenia, Mercedes Fernandez

Data: 2014/12/16

Bikain "Cum Laude"

*(Materialen Fisika Saila)*

ASSEMBLY & DISASSEMBLY OF BIOINSPIRED SINGLE-CHAIN POLYMER NANOPARTICLES

Egilea: ANA SANCHEZ

Zuzendaria: Pomposo, J. A.

Bikain "Cum Laude" aho batez

FROM POLYMER CHAINS TO ENZYME-MIMETIC SOFT NANOPARTICLES

Autor/a: IRMA PEREZ BAENA

Director: Pomposo, J. A.

Bikain "Cum Laude" aho batez

ELASTIC AND INELASTIC ELECTRON TRANSPORT THROUGH ALKANE-BASED  
MOLECULAR JUNCTIONS

Egilea: GIUSEPPE FOTI

Zuzendaria: Frederiksen, T.

Bikain "Cum Laude" aho batez

TRANSPORT PHENOMENA IN SUPERCONDUCTING NANOHYBRID STRUCTURES

Egilea: ASIER OZAETA

Zuzendaria: Bergeret, S.

Bikain "Cum Laude" aho batez

SPIN DYNAMICS IN PATTERNED MAGNETIC NANOSTRUCTURES

Egilea: OKSANA SUKHOSTAVETS

Zuzendariak: Gonzalez, J. M.; Gusliyenko, K.

Bikain "Cum Laude" aho batez

COMPUTATIONAL INVESTIGATION OF CHAIN DYNAMICS IN ARCHITECTURALLY  
COMPLEX POLYMERS

Egilea: PETRA BACOVA

Zuzendariak: Moreno, A. J.; Read, D.

Bikain "Cum Laude" aho batez

SPIN INJECTION, MANIPULATION AND DETECTION USING LATERAL SPIN VALVES

Egilea: ESTITXU VILLAMOR

Zuzendariak: Casanova I.; Fernández, F.

Bikain "Cum Laude" aho batez

ELECTROSPINNING OF BIOMOLECULES

Egilea: WIWAT NUANSING

Zuzendaria: Bittner, A.

Bikain aho batez

RESISTIVE SWITCHING IN HAFNIUM OXIDE

Egilea: RAUL ZAZPE

Zuzendaria: Hueso, L. E.

Bikain "Cum Laude" aho batez

NANOSCALE ORGANIC LATERAL SPIN VALVES

Egilea: THALES GLORIA DE OLIVEIRA

Zuzendariak: Bittner, A.; Hueso, L. E.

Bikain "Cum Laude" aho batez

COMPUTATIONAL DESCRIPTION OF THE COLLOIDAL/GEL LIKE ASPECTS OF  
CEMENTITIOUS NANOSTRUCTURE

Egilea: RAQUEL GONZÁLEZ

Zuzendariak: Sánchez, J.; Gimel, J. C.

Bikain "Cum Laude" aho batez

EXPLOITING MAGNETIC DIPOLAR INTERACTIONS IN ARTIFICIALLY NANOSTRUCTURED  
SYSTEMS

Egilea: JOSE MARÍA PORRO AZPIAZU  
Zuzendaria: Vavassori, P.  
Bikain "Cum Laude" aho batez

*(Kimika Aplikatua Saila)*

SOURCE, DISTRIBUTION AND DISPERSION PATTERN CHARACTERIZATION OF HEAVY METALS AND PAHS IN SEDIMENTS OF THE ESTUARIES AND CONTINENTAL SHELF OF THE BASQUE AUTONOMOUS REGION (SOUTHEASTERN BAY OF BISCAY)

Irati LEGORBURU ARTOLA

Zuzendariak: Ibon Galparsoro eta Joana Larreta

Hizlaria: Esmeralda Millán

Data: 2014/09/10

Bikain "Cum laude"

KOSMETIKO OSAGAI HAUTATUAK DETERMINATZEKO KROMATOGRAFIA  
ELEKTROZINETIKO MIZELARREAN IONARRITUTAKO METODOEN GARAPENA ETA  
APLIKAZIOA

Josu LOPEZ GAZPIO

Zuzendaria: Esmeralda Millán Martín

Data: 2014/12/15

Bikain "Cum laude"

CONTINUOUS EMULSION COPOLYMERIZATION OF VAC-VEOVA10. FROM LAB-SCALE TO PILOT PLANT

Amaia AGIRRE IRIBARREN

Zuzendaria: José M. Asua

Data: 2014/07/01

Bikain "Cum laude" (Nazioarteko Tesia)

MODELING THE KINETICS AND ARCHITECTURE OF COMPLEX POLYMERIZATION  
PROCESSES: A KINETIC MONTE CARLO SIMULATION

Shaghayegh HAMZELHOU

Zuzendariak: J. R. Leiza, Y. Reyes

Data: 2014/09/19

Bikain "Cum Laude" (Nazioarteko Tesia)

WATERBORNE ACRYLIC/METAL OXIDE BINDERS FOR UV BLOCKING CLEAR COATS

Miren AGUIRRE ARRESE

Zuzendariak: J. R. Leiza eta Maria Paulís

Data: 2014/09/21

Bikain "Cum Laude" (Nazioarteko Tesia)

MINIEMULSION POLYMERIZATION IN A TUBULAR REACTOR

Vesna DANILOSKA

Zuzendariak: José M. Asua, Radmila Tomovska

Data: 2014/11/07

Bikain "Cum laude" (Nazioarteko Tesia)

PICKERING STABILIZED LATEXES  
Karim Patricia GONZALEZ MATHEUS  
Zuzendaria: José M. Asua  
Data: 2014/11/21  
Bikain "Cum laude" (Nazioarteko Tesia)

NEW OPPORTUNITIES FOR ORGANOCATALYSIS IN THE SYNTHESIS OF ALIPHATIC  
POLYESTERS, POLYCARBONATES AND POLYURETHANES  
Ana PASCUAL GONZALEZ  
Zuzendaria: David Mecerreyes  
Data: 2014/12/19  
Bikain "Cum laude"

*(Kimika Organikoa I Saila)*

REACCIÓN DE MICHAEL ENANTIOSELECTIVA DE 2-NITROETIL SULFONAS  
Maitane ZALAKAIN  
Zuzendaria: Claudio Palomo  
Data: 2014/03/19  
Bikain "Cum Laude"

SÍNTESIS DE PIRROLIDINAS FERROCENIL SUSTITUIDAS MEDIANTE CICLOADICIONES  
(3+2). APLICACIÓN A LA CATÁLISIS DE REACCIONES ENANTIOSELECTIVAS DE ADICIÓN  
Y CICLOADICIÓN.  
Egoiz CONDE MENDIZABAL  
Zuzendaria: Fernando Cossío  
Data: 2014/03/23  
Bikain "Cum Laude"

SÍNTESIS DE ÁCIDOS  $\alpha$ -AMINOFOSFÓNICOS Y FOSFINAS CÍCLICAS Y SU APLICACIÓN  
EN SÍNTESIS ORGÁNICA  
Miguel Ángel CLAUDIO CATALÁN  
Zuzendariak: José Mario Ordoñez, Fernando Cossio (cozuzendaria)  
Data: 2014/09/05  
Gauditua

REGIOSELECTIVE SYNTHESIS AND FUNCTIONALIZATION OF 2- AND 3-ARYL  
BENZO(b)FURANS. APPLICATION TO MEDICINAL CHEMISTRY.  
Leire Lidia ARIAS ECHEVERRIA  
Zuzendariak: Yosu Ion Vara, Fernando Cossío  
Data: 2014/10/27  
Bikain "Cum Laude"

COMPUTATIONAL AND EXPERIMENTAL STUDIES ON ADDITION AND SUBSTITUTION  
REACTIONS  
Olatz LARRAÑAGA AGIRRE  
Zuzendariak: Abel de Cozar, Fernando Cossio  
Data: 2014/11/07  
Bikain "Cum Laude"

PROPIEDADES ORGANOCATALÍTICAS DE ÉSTERES DE PROLINA NO NATURALES  
OBTENIDOS MEDIANTE REACCIONES 1,3-DIPOLARES

Mirian SÁNCHEZ FERNÁNDEZ

Zuzendariak: M<sup>a</sup> Gracia Retamosa, Fernando Cossio

Data: 2014/12/15

Bikain "Cum Laude"

MODULACIÓN DE LA TRANSFERENCIA DE SATURACIÓN POR INTERCAMBIO QUÍMICO  
(CEST) EN NUEVOS COMPLEJOS DE EUROPIO(III)

Elena ANDREIEFF ECHEVESTE

Zuzendariak: Jesus M<sup>a</sup> Aizpurua, José Ignacio Miranda

Data: 2014/12/16

Bikain "Cum Laude"



### 3.5. Master-amaierako proiektuak/Beste lanak

*(Polimeroen Zientzia eta Teknologia Saila)*

INFLUENCIA DE LA MORFOLOGÍA DE LA NANOPARTÍCULA EN LA DEPENDENCIA DE LA VISCOSIDAD CON LA PRESIÓN EN NANOCOMPUESTOS DE POLIESTIRENO

Estibaliz RODRÍGUEZ CAMBERO

Zuzendariak: María Eugenia MUÑOZ eta Mercedes FERNÁNDEZ

ESTUDIO DE LA ESTRUCTURA Y CRISTALIZACIÓN DE COPOLIÉSTERES BIODEGRADABLES ISODIMÓRFICOS

Idoia ARANDIA ARIÑO

Zuzendariak: Alejandro J. MÜLLER eta Agurtzane MUGICA

DESARROLLO DE DISPERSIONES ACUOSAS FOTOPOLIMERIZABLES

Oihane LLORENTE ZABALA

Zuzendariak: Alba GONZÁLEZ eta Lourdes IRUSTA

SINTESIS, CARACTERIZACIÓN Y PROPIEDADES DE BIONANOCOMPUESTOS BASADOS EN QUITOSANO, ÓXIDO DE GRAFENO Y GRAFENO

Bernardina GONZÁLEZ GONZÁLEZ

Zuzendariak: María Jesús FERNÁNDEZ eta María Dolores FERNÁNDEZ

MEZCLAS Y NANOCOMPUESTOS BASADOS EN POLI(BUTILEN TEREFALATO) Y UN COPOLIESTER BIODEGRADABLE

Nerea LANDA URBISTONDO

Zuzendaria: José Ignacio EGUÍAZABAL

PA6/SEBS NAHASTE BATEN BIRPROZESAGARRITASUN AZTERKETARI KONTRIBUZIOA

Ane ZABALA BASURTO

Zuzendaria: Mikel GAZTELUMENDI

PLA-N OINARRITUTAKO KONPOSITEEN MODIFIKAZIOA PCL-REN GEHIKUNTZAREKIN

Itziar OTAEGI TENA

Zuzendaria: Gonzalo GERRIKA-ETXEBARRIA

#### Lankidetzak Bekak

ESTUDIO DE PROCESOS DE CRISTALIZACIÓN DE MEZCLAS INMISCIBLES BASADAS EN POLIPROPILENO Y POLIAMIDA CON Y SIN NANOSÍLICE MEDIANTE TÉCNICAS REOLÓGICAS

Ikaslea: Leire SANGRONIZ AGUDO

Zuzendaria: Antxon SANTAMARIA

MEZCLAS POLIMÉRICAS BASADAS EN UN POLÍMERO COMPOSTABLE

Ikaslea: Ainara SANGRONIZ AGUDO

Zuzendaria: Agustín ETXEBERRIA

COMPRESIÓN, DESARROLLO Y APLICACIÓN DEL FUNCIONAL DE ORBITALES NATURALES DE PIRIS (PNOF)

Ikaslea: Ion MITXELENA ECHEVERRIA  
Zuzendaria: Mario PIRIS

#### DESARROLLO DE RECUBRIMIENTOS HÍBRIDOS BACTERICIDAS PARA IMPLANTES DENTALES

Ikaslea: Lorena SANZ VILARIÑO  
Zuzendariak: M<sup>a</sup> Dolores GURRUCHAGA, Isabel GOÑI

#### DESARROLLO Y CARACTERIZACIÓN DE RECUBRIMIENTOS BIOACTIVOS OBTENIDOS VÍA SOL-GEL PARA PRÓTESIS DENTALES

Ikaslea: Itziar ALDALUR  
Zuzendariak: M<sup>a</sup> Dolores GURRUCHAGA, Isabel GOÑI

*(Kimika Aplikatua Saila)*

#### APLICACIÓN DEL ANÁLISIS DE IMAGEN DIGITAL COMO ALTERNATIVA A LA DETERMINACIÓN VISUAL DEL PH CON PAPEL INDICADOR

Jonathan LEÓN MORO  
Zuzendariak: Maider VIDAL eta Miren OSTRÁ  
2014/07/15

#### DETERMINACIÓN DE TETRACICLINAS EN MÚSCULO DE POLLO POR UPLC-MS/MS

Oihana LEKUONA TOLOSA  
Zuzendariak: Esmeralda MILLÁN eta Miren OSTRÁ  
2014/09/24

#### DESARROLLO DE UN MÉTODO PARA LA DETERMINACIÓN DE HIDROCARBUROS AROMÁTICOS POLICÍCLICOS (PAH) UTILIZANDO MICRO EXTRACCIÓN EN FASE LIQUIDA CON SOLIDIFICACIÓN DE GOTA ORGÁNICA (SFOD-LPME)

Maialen ETXEBERRIA AGUARISTE  
Zuzendaria: Rosa GARCIA  
2014/09/19

#### NUEVOS ACILCOMPLEJOS DE RH(III) DERIVADOS DE $\text{PPH}_2\text{CH}(\text{PH})\text{CH}_2\text{CHO}$

Susan AZPEITIA COSCARÓN  
2014/09/05  
Zuzendariak: Lourdes IBARLUCEA, M<sup>a</sup> Angeles GARRALDA

#### SÍNTESIS Y ACTIVIDAD CATALÍTICA DE ACILCOMPLEJOS DE RODIO(III) DERIVADOS DE HIDROXI-PIRIDINA O -QUINOLEINA

Erik MORA PANIAGUA  
Zuzendariak: M<sup>a</sup> Montserrat BARQUÍN, M<sup>a</sup> Angeles GARRALDA  
2014/09/05

#### OBTENCIÓN DE HIDRÓGENO A PARTIR DE ADUCTOS AMINO-BORANO CON CATALIZADORES DE RUTENIO(II)

Martín MUÑOZ OLASAGASTI  
Zuzendaria: Zoraida FREIXA  
2014/09/05

### Lizentzia-Tesinak

POLYMER/FULLERENE COMPOSITE SYNTHESIS

Lander Salcedo

Zuzendaria: Radmila Tomovska, José M. Asua

THE EFFECT OF THE INTITIATOR OF FILMS PROPERTIES OF POLYMERS MADE BY EMULSION POLYMERIZATION

Aitor Barquero

Zuzendaria: María J. Barandiaran

POLIBINIL AMINAREN SINTESI ETA KARAKTERIZAZIOA: ESKALA NANOMETRIKOAN, PARTIKULOA INORGANIKOEN ADSORTZIOA ETA ENKAPSULAZIOA.

Urtzi Oyarzabal

Zuzendaria: Jose Ramon Leiza, Jose Carlos de la Cal

IDENTIFICACIÓN DE FACTORES INVOLUCRADOS EN LA CONIDIACIÓN DEL HONGO MODELO ASPERGILLUS NIDULANS

Mikel Iradi Serrano

Zuzendaria: Oier Etxebeste

### Gradu Amaierako Lanak

ALDAGAI ANITZEKO KALIBRAKETA METODOEN DETEKZIO MUGA KALKULATZEKO ALGORITMO BATEN GARAPENA MATLAB SOFTWAREA ERABILIZ

Nekane Urretabizkaia Lizarralde

2014/07/18

Zuzendariak: Maider Vidal eta Miren Ostra

FOSFATOEN DETERMINAZIOA KOLIRIO LAGINETAN

Ane Egia Zurutuza

2014/09/26

Zuzendaria: Miren Ostra

DETERMINACIÓN DE HIERRO EN MUESTRAS CON UN FIASTAR 5000 ANALYZER

Andoni Andueza Quirce

Zuzendariak: Maider Vidal eta Carlos Ubide

*(Kimika Organikoa I Saila)*

HALOCICLACIONES ESTEREOSELECTIVAS DE ALQUENOS VÍA ORGANOCATÁLISIS: SÍNTESIS DE SUSTRATOS Y ENSAYOS PRELIMINARES.

Amaior ODRIÓZOLA NUIN

Zuzendaria: Claudio Palomo

2014/09/18

SÍNTESIS CATALÍTICA Y ASIMÉTRICA DE  $\beta$ -AMINO VINIL SULFONAS

Iñaki BASTIDA

Zuzendaria: Claudio Palomo

2014/09/18

### 3. 6. Argitalpenak

#### 3.6.1 Artíkulak

*(Polimeroen Zientzia eta Teknologia Saila)*

M. A. Abouzadeh, M. Fernández, M. E. Muñoz, A. Santamaría, D. Mecerreyes  
Ionic supramolecular networks fully based on chemicals coming from renewable sources  
*Macromolecular Rapid Communications* **35**, 460-465 (2014)

I. Calafel, M. E. Muñoz, A. Santamaría, M. Boix, J. I. Conde, B. Pascual  
The effect of crystallites on the rheological properties of micro-phase separated PVC-PBA-PVC tri  
block copolymers obtained by living radical polymerization  
*Journal of Vinyl and Additive Technology* **21**, 24-32 (2014)

M. Landa, J. Canales, M. Fernández, M. E. Muñoz, A. Santamaría  
Effect of mwcnts and graphene on the crystallization of polyurethane based nanocomposites,  
analyzed via calorimetry, rheology and AFM microscopy  
*Polymer Testing* **35**, 101-108 (2014)

M. Landa, M. Fernandez, M. E. Muñoz, A. Santamaría  
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repercussions on their use as electrically conductive hot-melt adhesives  
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Rheological methods to investigate graphene/amorphous polyamide nanocomposites: aspect  
ratio, processing, and crystallization  
*Polymer Engineering and Science* **35**, 101-108 (2014)

J. M. Ugartemendia, M. E. Muñoz, J. R. Sarasua, A. Santamaría  
Phase behavior and effects of microstructure on viscoelastic properties of a series of polylactides  
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D. Cavallo, L. Gardella, G. Portale, A. J. Müller, G. C. Alfonso  
Self-nucleation of isotactic poly(1-butene) in the trigonal modification  
*Polymer* **55**, 137-142 (2014)

D. Cavallo, L. Gardella, G. Portale, A. J. Müller, G. C. Alfonso  
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*Macromolecules* **47**, 870-873 (2014)

R. M. Michell, I. Blaszczyk-Lezak, C. Mijangos, A. J. Müller  
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*Macromolecular Symposia* **337**, 109-115 (2014)

A. Pérez, A. J. Sandoval, A. Cova, A. J. Müller  
Glass transitions and physical aging of cassava starch – corn oil blends  
*Carbohydrate Polymers* **105**, 244-252 (2014)

R. A. Pérez, J. V. López, J. N. Hoskins, B. Zhang, S. M. Grayson, M. T. Casas, J. Puiggali, A. J. Müller

Nucleation and antinucleation effects of functionalized carbon nanotubes on cyclic and linear poly( $\epsilon$ -caprolactones)

*Macromolecules* **47**, 3553–3566 (2014)

O. Vernáez, A. J. Müller

Relaxation time spectra from short frequency range small-angle dynamic rheometry

*Rheologica Acta* **53**, 385–399 (2014)

R. A. Pérez, M. E. Córdova, J. V. López, J. N. Hoskins, B. Zhang, S. M. Grayson, A. J. Müller

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*Reactive and Functional Polymers* **80**, 71-82 (2014)

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*European Polymer Journal* **56**, 194-204 (2014)

J. F. Vega, Y. Da Silva, E. Vicente-Alique, R. Núñez-Ramírez, M. Trujillo, M. L. Arnal, A. J. Müller

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R. M. Michell, I. Blaszczyk-Lezak, C. Mijangos, A. J. Müller

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*Journal of Polymer Science, Part B: Polymer Physics* **52**, 1179–1194 (2014)

A. J. Müller, A. T. Lorenzo, A. Hirao

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Microphase separation and hydrophobicity of urethane/siloxane copolymers with low siloxane content

*Progress in Organic Coatings* **77**, 798-802 (2014)

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Polymer/silica nanohybrids by means of tetraethoxysilane sol-gel condensation onto waterborne polyurethane particles

*Progress in Organic Coatings* **77**, 1436-1442 (2014)

R. H. Aguirresarobe, L. Irusta, M. J. Fernández-Berridi

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*Carbohydrate Polymers* **103**, 267-273 (2014)

J. Fernández, A. Larrañaga, A. Etxeberria, J. R. Sarasua  
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*Journal of the Mechanical Behavior of Biomedical Materials* **35**, 39-50 (2014)

J. Fernández, A. Larrañaga, A. Etxeberria, J. R. Sarasua  
Crystallization and its effect on the mechanical properties of a medium chain length polyhydroxyalkanoate  
*Journal of the Mechanical Behavior of Biomedical Materials* **39**, 87-94 (2014)

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*Journal of Biomedical Materials Research: Part A* **102**, 3573-3584 (2014)

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Poli(butilen adipato-ko-tereftalato)/fenoxi sistemaren nahaskortasuna eta hesi-propietateen aldaketa  
*Ekaia* **27**, 181-192 (2014)

H. Bourara, S. Hadjout, Z. Benabdelghani, A. Etxeberria  
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*Polymers* **6**, 2752-2763 (2014)

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*RSC Advances* **4**, 21435-21449 (2014)

I. Goñi, M. Gurruchaga, M. J. Juan-Díaz, M. Martínez, J. Suay, S. Da Silva, I. Lara, J. Franco, A. Coso

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*Gaceta Dental* **XXV**, 84-97 (2014)

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Study of the degradation of hybrid sol-gel coatings in aqueous medium

*Progress in Organic Coatings* **77**, 1799-1806 (2014)

E. Ramos-Cordoba, P. Salvador, M. Piris, E. Matito

Two new constraints for the cumulant matrix

*Journal of Chemical Physics* **141**, 234101 (2014)

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*ACS Nano* **8**, 11499–11511 (2014)

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Stereochemistry of complexes with double and triple metal-ligand bonds: a continuous shape measures analysis

*Inorganic Chemistry* **53**, 12151-12163 (2014)

S. J. Grabowski

Boron and other triel lewis acid centers: from hypovalency to hypervalency

*ChemPhysChem* **15**, 2985-2993 (2014)

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New 'aggregation induced emission (AIE)' active cyclometalated iridium(III) based fluorescent sensors: high sensitivity for mercury(II) ions

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C. Climent, P. Alemany, D. Lee, J. Kim, D. Casanova  
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*Journal of Physical Chemistry A* **118**, 6914-6921 (2014)

M. Piris  
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*Journal of Chemical Physics* **141**, 044107 (2014)

M. Piris, N. H. March  
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F. Feixas, M. Solà, J. M. Barroso, J. M. Ugalde, E. Matito  
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*The Journal of Physical Chemistry B* **118**, 6680-6686 (2014)

S. J. Grabowski  
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*Chemical Physics Letters* **605-606**, 131-136 (2014)

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Carbo-cages: a computational study  
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*Journal of Chemical Theory and Computation* **10**, 76–89 (2014)

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*(Kimika Organikoa I Saila)*

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### 3.7. Biltzarrak

*(Polimeroen Zientzia eta Teknologia Saila)*

#### A) ANTOLAKETA

XIV SIMPOSIO LATINOAMERICANO DE POLÍMEROS Y XII CONGRESO IBEROAMERICANO DE POLÍMEROS (SLAP 2014), Porto de Galinhas, Brasil, 2014ko Urriak 12-16  
Alejandro J. Müller, Miembro del Comité Científico

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M. Iriarte, L. Irusta, M. Gaztelumendi y A. Santamaria, Organización del congreso

2<sup>ND</sup> COST WORKING GROUP AND MANAGEMENT COMMITTEE MEETING OF TN1301 SCI-GENERATION, Bruselas, Bégica, 2014ko Otsailak 13-14  
T. Schaffer, Co-organizador

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9<sup>TH</sup> IBERO-AMERICAN CONFERENCE ON MEMBRANE SCIENCE AND TECHNOLOGY, CITEM 2014, Santander, 2014ko Maiatzak 25-28  
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T. Schaffer, Discussion Leader

26<sup>TH</sup> ANNUAL CONFERENCE OF THE ACADEMIA EUROPAEA, Barcelona, 16-19 Uztaila  
T. Schaffer, Batzorde Zientifikoko partaide

10<sup>TH</sup> INTERNATIONAL CONGRESS ON MEMBRANES AND MEMBRANE PROCESSES, ICOM 2014, Suzhou, China, 20-25 Uztaila  
T. Schaffer, Batzorde Zientifikoko partaide

16<sup>TH</sup> EUROPEAN MEMBRANE SOCIETY SUMMER SCHOOL ON INNOVATIVE MEMBRANE SYSTEMS, Cosenza, Italia, 28 Iraila- 3 Urria  
T. Schaffer, Batzorde Zientifikoko partaide

XIV SIMPOSIO LATINOAMERICANO DE POLÍMEROS Y XII CONGRESO IBEROAMERICANO DE POLÍMEROS (SLAP 2014), Porto de Galinhas, Brasil, 12 -16 Urria  
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B) PARTEHARTZEA

HITZALDI GONBIDATUAK

INTERNATIONAL SYMPOSIUM ON ADVANCED POLYMERIC MATERIALS, ISAPM2014, Kuala Lumpur (Malaysia), Maiatza 2014

The effects of confinement on the nucleation and crystallization of polymer chains

A. J. Müller

INTERNATIONAL SYMPOSIUM ON POLYMER PHYSICS, PP2014, Nanjing (China), Ekaina 2014

Nucleation and antinucleation effects of functionalized carbon nanotubes on the crystallization of cyclic polycaprolactones

A. J. Müller, R. A. Pérez, J. Hoskins, B. Zhang, S. M. Grayson, M. T. Casas, J. Puiggali

1<sup>ST</sup> SUSPOL SUMMER SCHOOL: "POLYMERS FOR A SUSTAINABLE WORLD", Donostia-San Sebastián, Ekaina 2014

Poly lactides: structure and properties

A. J. Müller

XXI CONVEGNO NAZIONALE AIM (ASSOCIAZIONE ITALIANA DI SCIENZA E TECNOLOGIA DELLE MACROMOLECOLE), Torino (Italia), Iraila 2014

The influence of chain topology on the nucleation and crystallization kinetics of cyclic versus linear poly( $\epsilon$ -caprolactone)s and their nanocomposites with carbon nanotubes

A. J. Müller, R. A. Pérez, M. E. Córdova, J. V. López, J. Hoskins, B. Zhang, S. M. Grayson

RECENT ADVANCES AND NEW PERSPECTIVES IN POLYMER CRYSTALLIZATION, Genova (Italia), Iraila 2014

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A. J. Müller, R. A. Pérez, M. E. Córdova, J. V. López, J. Hoskins, B. Zhang, S. M. Grayson

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Next generation innovators

T. Schäfer

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Quantum dot photoactivation by electron transfer. Insights from dft and TDDFT calculations

J. M. Ugalde

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Molecular dynamics simulations: a useful tool to investigate the metal release mechanism from serum transferrin protein

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Pulling back the curtain on the adenylate kinase functional mechanism

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From theory to applications

J. M. Ugalde

VITH CONFERENCE ON "MODELING AND DESIGN OF MOLECULAR MATERIALS" 2014, Kudowa Zdroj (Polonia), Ekaina-Uztaila 2014

$\sigma$ -Hole bond versus hydrogen bond in simple complexes and large clusters

S. J. Grabowski

CURRENT TOPICS IN THEORETICAL CHEMISTRY (CTTC 2014), Nha Trang (Vietnam), Uztaila 2014

NOF theory as an alternative to DFT

Mario Piris

QUANTUM DAYS IN BILBAO, Bilbao, Uztaila 2014

Singlet fission for solar energy conversion. A theoretical insight

D. Casanova

10<sup>TH</sup> TRIENIAL CONGRESS OF THE WORLD ASSOCIATION OF THEORETICAL AND COMPUTATIONAL CHEMISTS (WATOC 2014), Santiago de Chile, Urria 2014

Interacting pairs in natural orbital functional theory

Mario Piris

Novel solid polymorphs by self-assembling of nanoclusters

Jon M. Matxain

NEW APPROACHES IN THEORETICAL CHEMISTRY, Santiago de Chile, Urria 2014

PNOF6: a model of interacting pairs in nof theory

Jon M. Matxain

XL CONGRESO DE QUÍMICOS TEÓRICOS DE EXPRESIÓN LATINA (QUITEL 2014), Isla San Cristobal (Ecuador), Azaroa 2014

N-representable 1-RDM theory

Mario Piris

## AHOZKO KOMUNIKAZIOAK

CONGRESO: 9<sup>TH</sup> ANNUAL EUROPEAN RHEOLOGY CONFERENCE, AERC2014, Karlsruhe (Alemania), Apirila 2014

The enigma of the apparently vanishing long chain branches in nanocomposites elaborated with irradiated polypropylene

A. Santamaria, M. E. Muñoz, A. Aboudzadeh, D. Mecerreyes



ILSE2014 SECOND INTERNATIONAL CONFERENCE ON IONIC LIQUIDS IN SEPARATION AND PURIFICATION TECHNOLOGY, Toronto (Canada), Ekaina-Uztaila 2014

Non-newtonian shear thinning behavior of 1-hexyl-3-methylimidazolium Chlorocuprate ionic liquid

G. Zarca, I. Ortiz, A. Urtiaga, M. Fernandez

MATERIALEN ZIENTZIA ETA TEKNOLOGIA II. KONGRESUA, Donostia-San Sebastián, Uztaila 2014

PVCaren mamuak uxatu nahian: sintesi kimikoaren bideak

I. Calafel, A. Santamaría

XIII REUNIÓN DEL GRUPO ESPECIALIZADO DE POLÍMEROS (GEP) DE LA RSEQ Y RSEF. GEP2014, Girona, Iraila 2014

Caracterización viscoelástica de copolímeros tribloque basados en tert-butil-estireno y etileno-butileno: efecto del peso molecular en la segregación de fases

A. C. Hernández, M. E. Muñoz, A. Santamaría, A. L. Rodríguez Guadarrama, L. Fraga

Técnicas de evaluación de ramificación de cadena larga en poliupropileno irradiado

M. Fernandez, A. Huegun, M. E. Muñoz, A. Santamaría

CITEM 2014, Santander, Maiatza 2014

Variation on processability of tunable membranes based on block-co-polymer/ionic liquids

A. Corres, T. Schäfer

27<sup>TH</sup> INTERNATIONAL SYMPOSIUM ON POLYMER ANALYSIS AND CHARACTERIZATION, Les Diablerets (Suiza), Ekaina 2014

Thermodynamic study of blends of poly(4-vinylphenol)/ poly(vinylmethylketone) using inverse gas chromatography

Z. Benabdelghani, H. Bourara, A. Etxeberria

INTERNATIONAL CONFERENCE ON MEMBRANES AND MEMBRANE TECHNOLOGY (ICOM) 2014, Suzhou (China), Uztaila 2014

Tunable membrane platforms based on block-copolymer/ionic liquids blends

A. Corres, T. Schäfer

Studying membrane surface interaction with proteins using advanced surface characterization techniques

G. Diaconu, T. Schäfer

Reversible stimulus responsive gating membranes based on DNA-nanovalves

M. B. Serrano-Santos, T. Schäfer

COST BIOINSPIRED MATERIALS CONFERENCE, Ankara (Turkia), Urria 2014

DNA-NANOVALVES

F. J. Hernandez, T. Schäfer

ANUAL MEETING 2014 OF SCANDINAVIAN SOCIETY FOR BIOMATERIALS, Aarhus (Dinamarca), Martxo 2014

“In vivo” evaluation of titanium implants coated with hybrid solgel materials  
I. Lara-Sáez, M. Juan-Díaz, M. Martínez, F. Romero, S. Da Silva, A. Coso, J. Franco, M. Gurruchaga, I. Goñi, J. Suay

NaNaX 6, Bad Hofgastein (Austria), Maiatza 2014  
The importance of quantum chemistry in modeling the surface processes of quantum dots  
I. Infante

IMEBORON XV MEETING, Praga (Txekiar Errepublika), Abuztua 2014  
From hypovalency to hypervalency – boron and other triel lewis acid centers  
S. J. Grabowski

10<sup>TH</sup> TRIENIAL CONGRESS OF THE WORLD ASSOCIATION OF THEORETICAL AND COMPUTATIONAL CHEMISTS (WATOC 2014), Santiago de Chile, Abuztua 2014  
Quantum dot photoactivation by electron transfer. Insights from DFT and TDDFT calculations  
J. M. Ugalde

XIII REUNION DEL GRUPO ESPECIALIZADO DE POLIMEROS (GEP) DE LA RSEQ Y RSEF, Girona, Iraila 2014  
PLA/PCL/oMMT nanocomposites processed in a TWIN-screw extruder. Mechanical and barrier performance  
J. Urquijo, G. Guerrica-Etxebarria, J. I. Eguiazábal

## POSTERRAK

MATERIALEN ZIENTZIA ETA TEKNOLOGIA II. KONGRESUA, Donostia-San Sebastián, Uztaila 2014  
Grafenoaren erabilera itsasgarri eroaleak sortzeko  
L. Sangroniz, A. Santamaría

MATERIALEN ZIENTZIA ETA TEKNOLOGIA II. KONGRESUA, Donostia-San Sebastián, Uztaila 2014

Poli(azido laktiko) eta buztinetan oinarritutako nanokopositeak medikuntza arloan aplikatzeko  
A. Mugica, M. Zubitur, A. Oyarzabal

PGCL, buztina eta karbonozko nanohodietan oinarritutako nanokonpositeen eroankortasun elektrikoa  
A. Mugica, M. Zubitur, M. González

Nanohodi (1D) eta nanobuztinetan (3D) oinarritutako 3-D nanoegiturak  
A. Mugica, N. Zaldua, M. Zubitur

Diels alder erreakzioen termo-itzulgarritasuna furano taldea duten poliuretanoetan  
M. J. Fernández-Berridi, L. Irusta, J. Aizpurua

Poliuretanoen ur dispertsio fotopolimerizagarriak  
A. González, L. Irusta, O. Llorente

Isoforona diisozianatoan oinarritutako poliuretanozko apar malguen sintesia eta suarekiko jarrera  
I. Eceiza, M. J. Fernández-Berridi, L. Irusta, A. Barrio

Polisakarido nanokristalen konbinaketa almidoi termoplastiko bionanokonpositeetan  
K. González, A. Retegui, A. González, A. Eceiza, N. Gabilondo

Polimero biodegradagarri baten hesi propietateen hobekuntza  
M. Iriarte, A. Etxeberria, A. Sangroniz

M. D. Fernández, M. J. Fernández, E. Pillado  
Grafenoan oinarritutako polimero nanokonpositeak

Poss-ean oinarritutako nanokonposatu polimerikoak  
M. J. Fernández, M. D. Fernández, M. Cobos

Kitosano/grafeno bionanokoposatuak  
M. D. Fernández, M. J. Fernández, B. González

J. Urquijo, G. Guerrica-Echevarria, I. Eguiazabal  
PLA-ren hauskortasuna hobetuz

Elastomeroz modifikatutako poliamida 12 nanokonpositeen ezaugarritzea eta haien propietateak  
I. González, I. Eguiazabal, A. Zabaleta

Poliamida batean eta karbonozko nanohodietan oinarritutako nanokonposite eroaleak  
N. Aranburu, J. I. Eguiazabal

27<sup>TH</sup> INTERNATIONAL SYMPOSIUM ON POLYMER ANALYSIS AND CHARACTERIZATION,  
Les Diablerets (Suiza), Ekaina 2014

Miscibility and specific interactions in blends of poly(4-vinylphenol)/ poly(vinylmethylketone)  
Z. Benabdelghani, H. Bourara, A. Etxeberria

5<sup>TH</sup> WORKSHOP GREEN CHEMISTRY AND NANOTECHNOLOGIES IN POLYMER  
CHEMISTRY, Donostia-San Sebastián, Uztaila 2014

Biodegradable copolyester fibers by solution electrospinning  
A. Gomez, A. González, L. Irusta, J. J. Iruin

New bionanocomposite of bacterial cellulose/montmorillonite by in-situ assembling  
I. Algar, C. García, A. González, A. Eceiza, A. Retegi

TERMIS EU2014/CHAPTER MEETING, Génova (Italia), Ekaina 2014

Si-gelatin coatings for dental Ti implants with osteoinductive properties

I. Lara-Sáez, M. Martínez-Ibáñez, B. Palla, R. Izquierdo, S. Da Silva, J. Suay, M. Gurruchaga, I. Goñi

THIRD INTERNATIONAL CONFERENCE ON MULTIFUNCTIONAL, HYBRID AND  
NANOMATERIALS, Roma (Italia), Iraila 2014

In vivo study of gelatine functionalized hybrid sol-gel coatings for titanium implants

I. Lara-Sáez, M. Martínez-Ibáñez, B. Palla, R. Izquierdo, S. Da Silva, J. Suay, M. Gurruchaga, I. Goñi

D. Casanova

SINGLET FISSION WORKSHOP, Lyons (USA), Ekaina 2014

Computational tools for the electronic structure study of singlet fission

XIII CONGRESO NACIONAL DE MATERIALES, Barcelona, Ekaina 2014

Nanocompuestos ternarios conductores basados en mezclas polipropileno/poliamida amorfa y nanotubos de carbono

N. Aranburu, J. I. Eguiazábal

*(Materialen Fisika Saila)*

### HITZALDI GONBIDATUAK

143RD ANNUAL MEETING & EXHIBITION, 2014/02/16 - 2014/02/20, SAN DIEGO

(CALIFORNIA, USA),

Tailoring of Magnetic Properties and GMI Effect in Thin Amorphous Wires

A. Zhukov, M. Ipatov, A. Talaat, J. Blanco, and V. Zhukova,

16TH INTERNATIONAL CONFERENCE ON TRANSPARENT OPTICAL NETWORKS – ICTON

2014, UZTAILA 6-10, 2014, GRAZ, AUSTRIA

Coupling effect in hybrid system of plasmonic nanoparticles and J-aggregates yields double Rabi splitting

Melnikau, D. Savateeva, D. Rakovich, Y. P.

2ND WORKSHOP ON SURFACES, INTERFACES AND FUNCTIONALIZATION PROCESSES

IN ORGANIC COMPOUNDS AND APPLICATIONS - SINFO II, 25-27 JUNE 2014, TRIESTE

Non equilibrium light-induced dynamical processes in energy materials

A. Rubio

4TH INTERNATIONAL CONFERENCE ON SUPERCONDUCTIVITY AND MAGNETISM-

ICSM2014, 27.04-02.05. 2014, ANTALYA, TURKEY

Optimization of magnetic properties and giant magnetoimpedance effect in nanocrystalline microwires

A. Zhukov, A. Talaat, M. Ipatov, J.M. Blanco, L. Gonzalez-Legarreta, B. Hernando and V. Zhukova,

4TH INTERNATIONAL CONFERENCE ON SUPERCONDUCTIVITY AND MAGNETISM-

ICSM2014, 27.04-02.05. 2014, ANTALYA, TURKEY

Tailoring of magnetic properties of amorphous ferromagnetic microwires

V. Rodionova, K. Chichay, V. Zhukova, M. Ipatov, N. Perov and A. Zhukov,

6TH TIME-DEPENDENT DENSITY FUNCTIONAL THEORY: PROSPECTS AND

APPLICATIONS, 4 - 18 JANUARY 2014, BENASQUE (SPAIN)

Steady-state quantum transport from a (TD)DFT perspective

S. Kurth

6TH TIME-DEPENDENT DENSITY FUNCTIONAL THEORY: PROSPECTS AND APPLICATIONS, 4 - 18 JANUARY 2014, BENASQUE (SPAIN)  
Perspectives. Open session about challenges and standing problems  
A. Rubio

6TH TIME-DEPENDENT DENSITY FUNCTIONAL THEORY: PROSPECTS AND APPLICATIONS, 4 - 18 JANUARY 2014, BENASQUE (SPAIN)  
Tuning the photophysics of biological chromophores  
M. Wanko

6TH TIME-DEPENDENT DENSITY FUNCTIONAL THEORY: PROSPECTS AND APPLICATIONS, 4 - 18 JANUARY 2014, BENASQUE (SPAIN)  
Time-resolved spectroscopies with TDDFT  
U. De Giovannini

6TH TIME-DEPENDENT DENSITY FUNCTIONAL THEORY: PROSPECTS AND APPLICATIONS, 4 - 18 JANUARY 2014, BENASQUE (SPAIN)  
Dynamical exchange-correlation corrections in transport  
S. Kurth

6TH TIME-DEPENDENT DENSITY FUNCTIONAL THEORY: PROSPECTS AND APPLICATIONS, 4 - 18 JANUARY 2014, BENASQUE (SPAIN)  
Time-dependent quantum transport using TDDFT  
S. Kurth

6TH TIME-DEPENDENT DENSITY FUNCTIONAL THEORY: PROSPECTS AND APPLICATIONS, 4 - 18 JANUARY 2014, BENASQUE (SPAIN)  
Real-time propagations for correlated systems in Fock space  
J. Flick

8TH INTERNATIONAL CONFERENCE ON BROADBAND DIELECTRIC SPECTROSCOPY AND ITS APPLICATIONS, SEPTEMBER 14-19, 2014, WISLA (POLAND)  
Thermo Stimulated Depolarization Current Techniques applied to the study of chain dynamics: Evidence of nonexponential modes relaxation  
J. Colmenero, S. Arrese-Igor, A. Alegria

8TH INTERNATIONAL CONFERENCE ON BROADBAND DIELECTRIC SPECTROSCOPY AND ITS APPLICATIONS, SEPTEMBER 14-19, 2014, WISLA (POLAND)  
Non-equilibrium effects on the normal mode relaxation: Chain dynamics below  $T_g$   
A. Alegria, S. Arrese-Igor, J. Colmenero

ANGEL RUBIO WORKSHOP ON MATERIAL CHALLENGES IN DEVICES FOR FUEL SOLAR PRODUCTION AND EMPLOYMENT, ICTP, 19-23 MAY (2014), ICTP, TRIESTE, ITALY  
Understanding light-induced processes in energy materials from first principles TDDFT simulations  
A. Rubio

APPLIED MATHEMATICS SEMINAR, DEPARTMENT OF MATHEMATICS, UNIVERSITY OF CALIFORNIA, BERKELEY, 3RD SEPTEMBER 2014, BERKELEY (USA)

Efficient implementation of time-dependent density-functional theory to treat non-linear dynamical processes in molecular nanostructures and solids

A. Rubio

COLLOQUIO OF THE INSTITUT FÜR PHYSIKALISCHE CHEMIE UNIVERSITÄT WÜRZBURG, 11 FEBRUARY 2014, WÜRZBURG (GERMANY)

Non equilibrium dynamical processes in low dimensional systems from time-dependent density functional theory

(Colloquia)

A. Rubio

COLLOQUIUM IN THE CFEL SEMINAR ROOMS I-III (DESY BLDG. 99), 7TH NOVEMBER 2014, HAMBURG

Ab initio simulation of photon-matter interactions: non equilibrium dynamical processes within QED-TDDFT (Colloquia)

A. Rubio

COLLOQUIUM MOLECULAR FOUNDRY, LAWRENCE BERKELEY LABORATORY, BERKELEY, 17TH SEPTEMBER 2014, BERKELEY

Non equilibrium dynamical processes in TDDFT: optoelectronic and photovoltaic applications (Colloquia)

A. Rubio

COLLOQUIUM MOLECULAR FOUNDRY, LAWRENCE BERKELEY LABORATORY, BERKELEY, 16TH SEPTEMBER 2014, BERKELEY

Non equilibrium dynamical processes in organic photovoltaic applications

A. Rubio

COLLOQUIUM OF THE INSTITUTO DE CIENCIA DE MATERIALES DE MADRID (ICMM), 20 FEBRUARY 2014, MADRID (SPAIN)

Multi-scale modeling in chemistry and materials science: combining classical and quantum mechanics [http://nano-bio.ehu.es/angel\\_rubio](http://nano-bio.ehu.es/angel_rubio) (Colloquia)

A. Rubio

COLLOQUIUM PHYSIKALISCHE CHEMIE, DEPARTMENT OF CHEMISTRY, UNIVERSITÄT MÜNCHEN, 4TH JUNE 2014, MUNICH

Modeling optoelectronic and hybrid-photovoltaic devices within TDDFT [http://nano-bio.ehu.es/angel\\_rubio](http://nano-bio.ehu.es/angel_rubio) (Colloquia)

A. Rubio

DEPARTMENT OF CHEMISTRY, UNIVERSITY OF CALIFORNIA, BERKELEY, USA, 12 SEPTEMBER 2014, BERKELEY (USA)

First principles modeling of photovoltaic and optoelectronic devices: fundamentals and applications

A. Rubio

DEPARTMENT OF PHYSICS, STANFORD UNIVERSITY, 22 AUGUST 2014, USA

Ab initio modelling of light-induced non equilibrium dynamical processes in organic materials

A. Rubio

DEPARTMENT OF THEORETICAL CHEMISTRY, VRIJE UNIVERSITEIT, 7TH APRIL 2014, AMSTERDAM

Dynamical exchange-correlation corrections to Kohn-Sham conductances from static density functional theory Stefan Kurth (Colloquia)

A. Rubio

DPG-FRUHJAHRSTAGUNG DER SEKTION KONDENSIERTE MATERIE (SKM), 30. MARCH - 4. APRIL 2014, DRESDEN (ALEMANIA)

Dynamics and thermodynamics of glassy polymers below the glass transition temperatur

D. Cangialosi

EMERGING NON-GRAPHENE 2D ATOMIC LAYERS AND VAN DER WALLS SOLIDS.SYMPIOSIUM OF THE FALL MATERIALS RESEARCH SOCIETY (MRS) MEETING, NOVEMBER 30-DECEMBER 5, 2014, BOSTON

Novel electronic and structural properties of two-dimensional materials:silicene, germanene and stanene

A. Rubio

I SIMPOSIO EURO-REGIONAL. UNIVERSIDAD DE BURDEOS, NOVEMBER 19, 2014, BURDEOS (FRANCE)

"La sublime utilidad de la ciencia inútil. Cooperación internacional: el camino"

P. M. Echenique

INSTITUT DE PHYSIQUE ET CHIMIE DES MATERIAUX DE STRASBOURG (IPCMS, MAY 5, 2014, STRASBOURG (FRANCE)

"Electron dynamics at surfaces and nanostructures"

P. M. Echenique

INSTITUT DE QUÍMICA TEÒRICA I COMPUTACIONAL DE LA UNIVERSITAT DE BARCELONA (IQTC-UB), 28 FEBRUARY 2014, BARCELONA

Excitation Energy Transfer in Light Harvesting Complex II of Spinach

J. Jorret-Somoza

INSTITUTE OF CHEMICAL RESEARCH OF CATALONIA (ICIQ), 28 MARCH 2014, TARRAGONA (SPAIN)

Modeling energy materials from first principles simulations: optoelectronic and hybrid-photovoltaic devices

[http://nano-bio.ehu.es/angel\\_rubio](http://nano-bio.ehu.es/angel_rubio) (Colloquia)

A. Rubio

ISC-QSD2014.2ND INTERNATIONAL SYMPOSIUM ON COMPUTICS: QUANTUM SIMULATION AND DESIGN. KOSHIBA HALL, UNIVERSITY OF TOKYO, JAPAN. DECEMBER 1-3, 2014), TOKYO (JAPAN)

Photo-Enhancement of Cohesion; Cases of Noble Atoms and Layered Materials

Y. Miyamoto, H. Zhang, T. Miyazaki, A. Rubio

MARCH MEETING OF THE AMERICAN PHYSICAL SOCIETY (APS), MARCH 3-7, 2014, DENVER, COLORADO

Extensions of density functional theory approaches to treating quantum phenomena and quantum entanglement

A. Rubio

MOSCOW INTERNATIONAL SYMPOSIUM ON MAGNETISM "MISM 2014", 29 JUNE - 3 JULY 2014, MOSCOW, RUSSIA

"Manipulation of magnetic properties of glass-coated microwires by annealing"

A. Zhukov, K. Chichai, A. Talaat, V. Rodionova, J.M. Blanco, M. Ipatov and V. Zhukova,  
NANOMATERIALS 2014 CONFERENCE, , SEPTEMBER 8-11, 2014, , INSTITUT JEAN  
LAMOUR, NANCY, FRANCE,

High frequency Giant magnetoimpedance effect of magnetically soft amorphous microwires

A. Zhukov, M. Ipatov, A. Talaat and V. Zhukova, the abstract book pp.75-78

NANOPT-2014 NANOPORTUGAL INTERNATIONAL CONFERENCE, , FEBRUARY 12-14,  
2014, PORTO (PORTUGAL)

Single-Chain Soft Nanoparticles as Bioinspired Nanomaterials

J. Pomposo

NANOSPAIN 2014, , 11-14 MARCH 2014, MADRID (SPAIN)

Simulation-guided design of protocols for synthesis of soft nanoparticles via folding of single  
polymer chains

A. J. Moreno

NANOSPAIN 2014, MARZO 11-14, 2014, MADRID, SPAIN

Quantum Dots for Enhanced Light Harvesting: Exploration of Energy Transfer from  
Semiconductor Nanocrystals to Photosynthetic Biological Complexes

Rakovich, Y.P.

PHYSICAL SEMINAR, UNIVERSITY OF ROCHESTER, 15TH SEPTEMBER 2014,  
ROCHESTER (USA)

Modeling non equilibrium dynamical processes in TDDFT: optoelectronic and photovoltaic  
applications

A. Rubio

PHYSICS SEMINAR, DEPARTMENT OF MICROTECHNOLOGY AND NANOSCIENCE,  
MC2, CHALMERS UNIVERSITY OF TECHNOLOGY, 24TH SEPTEMBER 2014, SWEDEN  
Calculation of resonant states with complex scaling and extension to density functional theory

A. H. Larsen

QENS 2014 /WINS 2014, 11 - 16 MAY 2014, AUTRANS (FRANCE)

Polymers, neutrons & computers: unraveling dynamics of polymers by combining neutron  
scattering and molecular dynamics simulations

J. Colmenero

S7TH EUROPEAN SCHOOL ON MOLECULAR NANOSCIENCE (ESMOLNA2012), 26TH TO  
30TH OCTOBER 2014. 27TH OCTOBER 2014, GANDIA (SPAIN)

Theoretical Spectroscopy: TDDFT

A. Rubio

SEMINAR OF THE PHYSICAL CHEMISTRY DEPARTMENT (ISIC) AT THE EPFL, 12 JULY  
2014, LAUSSANE

Optoelectronic and hybrid-photovoltaic devices from first principles simulations



A. Rubio

SEMINAR OF THE PHYSICAL CHEMISTRY DEPARTMENT (ISIC) AT THE EPFL, 12 JUNE 2014, LAUSSANE

Optoelectronic and hybrid-photovoltaic devices from first principles simulations

A. Rubio

SPOCAONTAS AUTUMN SCHOOL, TIVOLI HOTEL, 7TH OCTOBER 2014, SINTRA (PORTUGAL)

DFT Made Simple: Ground state properties of CNTs and molecules

D. J. Mowbray

SPOCAONTAS AUTUMN SCHOOL, TIVOLI HOTEL, 7TH OCTOBER 2014, SINTRA (PORTUGAL)

TDDFT Made Simple: Excited state properties of CNTs and molecules

D. J. Mowbray

SYMPOSIUM IN HONOR OF JEAN-PIERRE GAUYACQ. ATOMIC AND MOLECULAR PHYSICS AT SURFACES: DYNAMICS OF INELASTIC PROCESSES. UNIVERSITÉ PARIS-SUD, NOVEMBER 18, 2014, ORSAY (FRANCE)

"Electron dynamics at surfaces"

P.M. Echenique

THE 8TH ENERGY, MATERIALS, AND NANOTECHNOLOGY (EMN) MEETING, [HTTP://WWW.EMNFALL.ORG/2014/](http://www.emnfall.org/2014/), NOVEMBER 22 TO 25, 2014, ORLANDO, FLORIDA, USA,

Recent Progress in Studies of Magnetic Microwires

A. Zhukov, M. Ipatov, A. Talaat, A. Chizhik, J. M. Blanco, S. Gudoshnikov and Valentina Zhukova,

VI INTERNATIONAL CONFERENCE BIFI 2014 "EXPLORING THE ROLE OF COMPUTATION IN SCIENCE: FROM BIOLOGY TO PHYSICS", 22-24 JANUARY 2014, ZARAGOZA (SPAIN)

Light-induced processes in finite and extended systems from TDDFT

A. Rubio

VII REUNION DE LA SOCIEDAD ESPANOLA DE TECNICAS NEUTRONICAS, 22 - 25 EKAINA, 2014, PAMPLONA

Component Dynamics in Nano-Composites of Polymers and Soft-Nanoparticles

A. Arbe

WATER: THE MOST ANOMALOUS LIQUID, 13OCT. - 3 NOV. 2014, STOCKHOLM, (SWEDEN)

"Water dynamics in soft- and hard-confinements: Differences and Similarities by BDS"

S. Cervený

WHITE NIGHTS OF MATERIALS SCIENCE: FROM PHYSICS AND CHEMISTRY TO DATA ANALYSIS, AND BACK, JUNE 16 - 20, 2014, SAINT PETERSBURG, RUSSIA

Hybrid-organic photovoltaic devices from first principles simulations

A. Rubio

XLIC COST WG1 MEETING. , 3-4 JULY 2014, LONDON

Soft X-ray ionisation of atoms within TDDFT  
A. Crawford Uranga

XV ALL-RUSSIAN SCHOOL-SEMINAR ON PROBLEMS OF CONDENSED MATTER (СПФКС-15), NOVEMBER 13-20 2014, [HTTP://SMU.IMP.URAN.RU/?Q=SPFKS\\_MAIN](http://SMU.IMP.URAN.RU/?Q=SPFKS_MAIN),  
YEKATERINBOURG; RUSSIA  
Formation of magnetic properties and GMI effect in soft magnetic microwires  
A. Zhukov M. Ipatov V. Zhukova.

#### AHOZKO KOMUNIKAZIOAK

13TH LAHNWITZSEMINAR ON CALORIMETRY: INTERPLAY BETWEEN NUCLEATION, CRYSTALLIZATION, AND THE GLASS TRANSITION, JUNE 15 - JUNE 20, 2014, ROSTOCK-WARNEMUENDE,  
Complex Behavior of Thermodynamics and Dynamics of Glassy Polymers in Bulk and under Nanoscale Confinement  
D. Cangialosi

15TH CZECH AND SLOVAK CONFERENCE ON MAGNETISM, JUNE 17\_21 2013, KOSICE, SLOVAKIA,  
Fast Magnetization Switching in Amorphous Microwires  
A. Zhukov, M. Ipatov, J.M. Blanco, A. Chizhik, A. Talaat, V. Zhukova

16TH WORKSHOP ON DYNAMICAL PHENOMENA AT SURFACES, 29-21 URRIA 2014, MADRID, ESPAÑA  
"Energy dissipation during the adsorption of gas species on metal surfaces"  
J. I. Juaristi

20TH INTERNATIONAL WORKSHOP ON INELASTIC ION-SURFACE COLLISIONS (IISC-20), 17-21 OTSAILA 2014, WIRRINA COVE, AUSTRALIA  
"Energy loss channels in gas surface dynamics"  
J. I. Juaristi

22ND ANNUAL INTERNATIONAL CONFERENCE ON COMPOSITES OR NANO ENGINEERING, 13-19-TH JULY 2014, MALTA  
Studies of interfacial layer and its effect on magnetic properties of glass-coated microwires  
A. Zhukov, E. Shuvaeva, S. Kaloshkin, M. Churyukanova, E. Kostitcyna, V. Sudarchikova, A. Talaat, M. Ipatov, V. Zhukova,

22ND ANNUAL INTERNATIONAL CONFERENCE ON COMPOSITES OR NANO ENGINEERING, 13-19-TH JULY 2014, MALTA  
Studies of magnetic properties of Ni-Mn-In Heusler-type glass-coated microwires  
V. Zhukova, M.Ipatov, A. Talaat, A. Granovsky, J.J. del Val and A. Zhukov,

4TH INTERNATIONAL CONFERENCE ON SUPERCONDUCTIVITY AND MAGNETISM-ICSM2014, 27.04-02.05. 2014, ANTALYA, TURKEY,  
Magnetoimpedance tensor of co-rich non-magnetostrictive amorphous ribbons  
A. Talaat, M. Ipatov, V. Zhukova, A.P. Zhukov, J. González1, L. González-Legarreta2, V.M. Prida and B. Hernando,

4TH ZING POLYMER CHEMISTRY CONFERENCE, 10-13 DECEMBER 2014, CANCUN, MEXICO.

Cyclic polyethers decorated with side groups  
F. Barroso-Bujans

5TH INTERNATIONAL CONFERENCE ON NANO STRUCTURES SELF ASSEMBLY, 7-11 JULY 2014, MARSEILLE, FRANCE

Magneto-optical en magneto-electric study of nanocrystalline Fe-rich microwires  
A. Chizhik A.Talaat, M. Ipatov, J. J. del Val, L. Gonzalez-Legarreta, B. Hernando A. Zhukov and V. Zhukova

6TH FORUM ON NEW MATERIALS, JUNE 15-19 2014, MONTECATINI, ITALIA

Influence of magnetic Field of Super High Frequency on Hysteretic Properties of Soft Magnetic Microwires  
A. Chizhik, J. Gonzalez, A. Stupakiewicz A. Maziewski, A. Zhukov

7TH INTERNATIONAL CONFERENCE TIMES OF POLYMERS & COMPOSITES, JUNE 22-26, 2014, ISCHIA, ITALIA

Coupling between amino acid and water dynamics by broadband dielectric spectroscopy  
Silvina Cerveny

8TH INTERNATIONAL CONFERENCE ON BROADBAND DIELECTRIC SPECTROSCOPY AND ITS APPLICATIONS, SEPTEMBER 14-19, 2014, WISLA (POLAND)

Dielectric Relaxation of PU/acrylic waterborne hybrid adhesives  
Gerardo Martinez Rugerio, Arantxa Arbe, Juan Colmenero, Angel Alegria

8TH INTERNATIONAL CONFERENCE ON BROADBAND DIELECTRIC SPECTROSCOPY AND ITS APPLICATIONS, SEPTEMBER 14-19, 2014, WISLA (POLAND)

Novel cyclic polyethers with rich dynamics  
Fabienne Barroso-Bujans, Angel Alegria and Juan Colmenero

8TH INTERNATIONAL CONFERENCE ON BROADBAND DIELECTRIC SPECTROSCOPY AND ITS APPLICATIONS, SEPTEMBER 14-19, 2014, WISLA (POLAND)

Resolving the segmental dynamics in oligomeric 1,4-poly(isoprene)s by selective effect of polar small molecule organic compound  
J. Bartos, H. Svajdlenkova, S.Arrese-Igor, A.Alegria

8TH INTERNATIONAL CONFERENCE ON SENSING TECHNOLOGY, SEP. 2-4, 2014, LIVERPOOL, UK

High Frequency Giant Magnetoimpedance Effect of amorphous microwires for magnetic sensors applications  
A. Zhukov, A. Talaat, M. Ipatov, V. Zhukova,

8TH INTERNATIONAL CONFERENCE ON SENSING TECHNOLOGY, SEP. 2-4, 2014, LIVERPOOL, UK

Magneto-optical study of microwire in presence of magnetic field of super high frequency. Glass Coated Microwires for Sensor Application  
A. Chizhik, J. Gonzalez ,A. Zhukov, A. Stupakiewicz, A. Maziewski

9TH LIQUID MATTER CONFERENCE, 21-25 JULY 2014, LISBON (PORTUGAL),  
Clusters glasses of semiflexible ring polymers  
A.J. Moreno

BASIC TECHNIQUES AND TOOLS FOR DEVELOPMENT AND MAINTENANCE OF ATOMIC-  
SCALE SOFTWARE, 17/10/2014, LAUSANNE, SWITZERLAND  
Optimised software design  
Yann Pouillon

Distributed version control with Bazaar  
Yann Pouillon, Matteo Giantomassi

Designing build systems  
Yann Pouillon, Matteo Giantomassi

Introduction from the organizers  
Damien Caliste, Alberto Castro, Matteo Giantomassi, Konrad Hinsen, Micael Oliveira, Yann  
Pouillon, Francesco Sottile

CECAM SPECIAL WORKSHOP; CREATION OF THE ELECTRONIC STRUCTURE LIBRARY,  
30/06/2014, LAUSANNE, SWITZERLAND  
Licensing collaborative scientific software  
Yann Pouillon

CONGRESS OF THE INTERNATIONAL COMMISSION FOR OPTICS 2014 - 23 ICO, ABUZZUA  
26-29, 2014, SANTIAGO DE COMPOSTELA, SPAIN  
Self-assembly of CdTe nanocrystals into fluorescent structures with electromagnetic energy  
funneling properties  
Moura, I. Melnikau, D. Savateeva, D. Rakovich, Y.P. Vasilevskiy, M.I.

DPG SPRING MEETING, 30 MARCH-04 APRIL 2014, DRESDEN  
Optimized effective potential approach to time-dependent density functional theory for many-  
electron systems interacting with cavity photons  
C. Pellegrini, J. Flick, I. V. Tokatly, H. Appel and A. Rubio

EMERGING NON-GRAPHENE 2D ATOMIC LAYERS AND VAN DER WAALS  
SOLIDS.SYMPOSIUM OF THE FALL MATERIALS RESEARCH SOCIETY (MRS) MEETING,  
NOVEMBER 30-DECEMBER 5, 2014, BOSTON  
A TDDFT-based study on the proton-DNA interaction  
M.A.Bernal, G.Brunetto, R.Seraide, U. de Giovannini and A.Rubio

EUROPOLYMER CONFERENCE 2014 (EUPOC 2014) PRECISION POLYMERS: SYNTHESIS,  
FOLDING AND FUNCTION, MAY 25 - 29, 2014,, LAGO DI GARDA (BS), ITALY  
Endowing single polymer chains with enzyme-mimetic activity and selectivity  
Josetxo Pomposo

FUERZAS Y TUNEL 2014, 27-29 AUGUST 2014, DONOSTIA  
Study of Polymer Relaxation Dynamics by means of AFM Based Dielectric Spectroscopy  
L.A.Miccio, G.A.Schwartz, A.Alegria, J.Colmenero

ICAMM 2014, 7-9 JULY 2014, NANTES, FRANCE.  
Non-adiabatic effects in the 1D optical spectra of H<sub>2</sub><sup>+</sup> and H<sub>2</sub>  
Alison Crawford Uranga

IEEE INTERNATIONAL MAGNETICS CONFERENCE, INTERMAG EUROPE 2014, MAY 4TH - 8TH, 2014, DRESDEN, GERMANY,  
Manipulation of magnetic domain structures with helical magnetization in magnetic microwires  
A. Chizhik, A. Stupakiewicz, A. Zhukov, A. Maziewski, J. Gonzalez, V. Zablotskii,

IEEE INTERNATIONAL MAGNETICS CONFERENCE, INTERMAG EUROPE 2014, MAY 4TH - 8TH, 2014, DRESDEN, GERMANY,  
Effect of Annealing on Off-diagonal GMI Effect of Co-rich Amorphous Microwires  
A Zhukov, M. Ipatov, A. Talaat, J. M. Blanco and V. Zhukova,

INTERMAG 2014, 4-8 MAY, 2014, DRESDEN GERMANY  
Manipulation of magnetic domain structures with helical magnetization in magnetic microwires  
A. Chizhik, A. Stupakiewicz, A. Zhukov, A. Maziewski, J. Gonzalez, V. Zablotskii

INTERNATIONAL CONFERENCE ON SENSING TECHNOLOGY, SEP. 2-4, 2014, LIVERPOOL, UK  
Magneto-optical study of microwire in presence of magnetic field of super high frequency  
A. Chizhik, A. Stupakiewicz, A. Zhukov, A. Maziewski, J. Gonzalez

INTERNATIONAL RUBBER CONFERENCE (IRC), 14-15 MAY 2014, MANCHESTER (UK)  
Interacting polymer layer in silica nano-particles filled SBR: Local mechanical and dielectric behaviour by means of AFM-based methods  
L.A. Miccio, J. Otegui, S. Westermann, G.A. Schwartz

MOSCOW INTERNATIONAL SYMPOSIUM ON MAGNETISM, MISM 2014, 29 JUNE - 3 JULY 2014, MOSCOW, RUSSIA  
Manipulation of magnetic properties and domain wall dynamics of amorphous ferromagnetic Co<sub>68.7</sub>Fe<sub>4</sub>Ni<sub>1</sub>B<sub>13</sub>Si<sub>11</sub>Mo<sub>2.3</sub> microwire by changing of annealing temperature  
K. Chichay, V. Rodionova, M. Ipatov, V. Zhukova, A. Zhukov,

MOSCOW INTERNATIONAL SYMPOSIUM ON MAGNETISM MISM-2014, 29 JUNE - 3 JULY, 2014, MOSCOW, RUSSIA  
Temperature-induced transformation of domain structures in magnetic microwires  
Chizhik A., Zhukov A., Gonzalez J. Stupakiewicz A., Maziewski A., Zablotskii V.

QENS 2014 /WINS 2014, 11 - 16 MAY 2014, AUTRANS (FRANCE)  
Influence of Soft Nano-Particles on the Dynamics of Poly(ethylene oxide)  
A. Arbe

SCIENCE AND APPLICATIONS OF THIN FILMS, CONFERENCE AND EXHIBITION (SATF2014), WWW.SATF2014.ORG, SEPTEMBER 15-19, 2014, CESME, IZMIR, TURKEY,  
Influence of the defects on magnetic properties of glass-coated microwires  
V. Zhukova, E. Shuvaeva, S. Kaloshkin, M. Churyukanova, E. Kostitcyna, V. Sudarchikova, A. Talaat, M. Ipatov, A. Zhukov,

SCIENCE AT FELLS 2014, 15-17 SEPTEMBER 2014, VILLIGEN, SWITZERLAND  
Ionisation of atoms within TDDFT and nuclear effects on the TRPES of molecules  
Alison Crawford Uranga

SOFTCOMP & ESMI ANNUAL MEETING, 27-30 MAY 2014, HERAKLION, GREECE  
Clusters glasses of semiflexible ring polymers  
A.J. Moreno

Application of AFM based Dielectric Spectroscopy to the local characterization of a polymer electrolyte  
L.A. Miccio

Zwitterionic polymerization of glycidyl monomers to cyclic polyethers  
F. Barroso-Bujans

Simulation-guided design of protocols for synthesis of soft nanoparticles via folding of single polymer chains  
F. Lo Verso

Self-assembly of functionalized dimethyl siloxane oligomers: structure and dynamics  
G. Martinez-Rugerio

Endowing single chain soft nanoparticles with enzyme mimetic activity  
I. Perez-Baena

Single-chain soft nanoparticles via dynamic covalent bonds: ph-triggered assembly/disassembly  
A. Sanchez

THE 7TH INTERNATIONAL SYMPOSIUM ON SURFACE SCIENCE, NOV. 2 - 6, 2014,  
SHIMANE PREFECTURAL CONVENTION CENTER, KUNIBIKI MESSE, MATSUE, SHIMANE,  
JAPAN

Adsorption, diffusion and intercalation of alkali metal atoms deposited on the stepped Bi<sub>2</sub>Se<sub>3</sub> surface: an ab initio study  
Ryabishchenkova, A. G.; Otrokov, M. M.; Gosalvez, M.A.; Kuznetsov, V. M.; Chulkov, E. V.

TIME OF POLYMERS (TOP) CONFERENCE, 22-26 JUNE 2014, ISCHIA (ITALIA)  
Study of Relaxation and Transport Processes by Means of AFM Based Dielectric Spectroscopy  
G.A. Schwartz

VII REUNION DE LA SOCIEDAD ESPANOLA DE TECNICAS NEUTRONICAS, 22 - 25 EKAINA,  
2014, PAMPLONA

Neutron scattering and dielectric spectroscopy study on the component dynamic of concentrated solution of PDMAEMA with THF  
Guido Goracci

Espectroscopia vibracional con neutrones para el estudio de polimeros confinados en poros nanometricos  
Fabienne Barroso

WATER: THE MOST ANOMALOUS LIQUID, 13URRIA. - 3 AZAROA. 2014, STOCKHOLM, (SWEDEN)

Water dynamics in a genuine biological solution at supercooled temperatures  
Silvina Cerveny

## POSTERRAK

THE 8TH ENERGY, MATERIALS, AND NANOTECHNOLOGY (EMN) MEETING,  
[HTTP://WWW.EMNFALL.ORG/2014/](http://www.emnfall.org/2014/), NOVEMBER 22 TO 25, 2014, ORLANDO, FLORIDA, USA,

High Frequency Giant Magnetoimpedance Effect of amorphous microwires  
V. Zhukova, M.I Ipatov, A. Talaat, J. M. Blanco and A. Zhukov

THE NANOMATERIALS 2014 CONFERENCE, SEPTEMBER 8-11, 2014, NANCY, FRANCE, INSTITUT JEAN LAMOUR

Study of interfacial layer and its influence on magnetic properties of glass-coated microwires  
V. Zhukova, E. Shuvaeva, S. Kaloshkin, M. Churyukanova, E. Kostitcyna, A. Talaat, M. Ipatov, A. Zhukov

THE 4TH INTERNATIONAL CONFERENCE ON MANIPULATION, MANUFACTURING AND MEASUREMENT ON THE NANOSCALE (3M-NANO 2014) , 27-31 OCTOBER 2014, TAIPEI, TAIWAN

Sillicene Phases on Ag(111). (Abstract)  
G.Le Lay, S.Cahagirov, L.Xian and A.Rubio

SCIENCE AND APPLICATIONS OF THIN FILMS, CONFERENCE AND EXHIBITION (SATF2014), [WWW.SATF2014.ORG](http://www.satf2014.org), SEPTEMBER 15-19, 2014, CESME, IZMIR, TURKEY,

Preparation, Magnetic and Transport Properties of Co-Cu Microwires  
V. Zhukova, M Ilyn, J. J. del Val, A. Granovsky and A. Zhukov

QENS 2014 /WINS 2014, 11 - 16 MAY 2014, AUTRANS (FRANCE)

Neutron scattering and dielectric spectroscopy study on localized motions of PDMAEMA in concentrated solution of THF  
G. Goracci, A. Arbe, J. Colmenero, A. Alegria, F. jurany, V. Garcia-Sakais, G. Schneider, W. Lohstroh

QUANTUM DISORDERED SYSTEMS: WHAT ´S NEXT?, 24-27 JUNE 2014, TOULOUSE, FRANCE

Two-level tunneling systems in amorphous alumina  
A. P. Paz, I. V. Lebedeva, I. V. Tokatly and A. Rubio

MRS SPRING MEETING&EXHIBIT, APRIL 21-25, 2014, SAN FRANCISCO, CALIFORNIA  
Non-linear optical susceptibility and local-field factors in liquid chloroform: A time-dependent density-functional theory study. (Abstract)

David A. Strubbe, Alejandro Paz, Xavier Andrade, Angel Rubio, Steven G. Louie

MOSCOW INTERNATIONAL SYMPOSIUM ON MAGNETISM, MISM 2014, 29 JUNE - 3 JULY 2014, MOSCOW, RUSSIA

Influence of the defects on magnetic properties of glass-coated microwires  
V. Zhukova, E. Shuvaeva, M. Churyukanova, S. Kaloshkin, A. Talaat, M. Ipatov, A. Zhukov,

Temperature-induced transformation of domain structures in magnetic microwires  
A. Chizhik, M. Ipatov, A. Zhukov, J. Gonzalez, A. Stupakiewicz A. Maziewski, V. Zablotskii

INTERNATIONAL CONFERENCE ON MATHEMATICAL MODELING IN PHYSICAL SCIENCES,  
AUGUST 28-31, 2014, MADRID, SPAIN

Prediction of new 2D materials: after graphene and silicene, now a hint of germanene synthesis,  
(Abstract)

M.E.Davila, L.Xian, S. Cahangirov, A.Rubio and G. Le Lay

IEEE INTERNATIONAL MAGNETICS CONFERENCE, INTERMAG EUROPE 2014, MAY 4TH -  
8TH, 2014, DRESDEN, GERMANY,

Studies of the Defects Influence on Magnetic Properties of Glass-coated Microwires

A. Zhukov, E. Shuvaeva, S. Kaloshkin, M. Churyukanova, E. Kostitcyna, A. Talaat, M. Ipatov, J.  
Gonzalez, V. Zhukova,

Investigation of saturation magnetostriction constant of amorphous ferromagnetic glass coated  
microwires

K. Chichay, S. Kaloshkin, M. Churyuknova, V. Rodionova, V. Zhukova and A. Zhukov

Magnetic Properties of Heusler-type Microwires and Thin Films

V. Zhukova, V. Rodionova, L. Fetisov, A. Grunin, A. Goikhman, A. Torcunov, A. Aronin, G.  
Abrosimova, A. Kiselev, N. Perov, A. Granovsky, T. Ryba, S. Michalik, R. Varga and A. Zhukov,

Domain Wall Propagation in Co-Based Glass-Coated Microwires: Effect of Stress Annealing and  
Tensile Applied Stresses

A. Talaat, J. M. Blanco, M. Ipatov, V. Zhukova, A. Zhukov

GRAPHENE 2014, MAY 06-09 2014, TOULOUSE (FRANCE)

Model of  $\sqrt{3}\times\sqrt{3}$  phases of silicene and its multilayers. (Abstract)

Seymur Cahangirov, V. Ongun, Özçelik, Salim Ciraci, María C. Asensio and Angel Rubio

E-MRS 2014 SPRING MEETING, MAY 26-30 2014, LILLE (FRANCE)

Ultrafast charge generation in a photoexcited polymer-fullerene blend: insights from real-time  
TDDFT. (Abstract)

C.A. Rozzi, M. Amato, A. Rubio, and E. Molinari

DPG SPRING MEETING, 30 MARCH - 04 APRIL 2014, DRESDEN, GERMANY

Two-level tunneling systems in amorphous alumina, (Abstract)

A. P. Paz, I. V. Lebedeva, I. V. Tokatly and A. Rubio

Time-dependent density functional theory of magneto-optical response of periodic insulators,  
(Abstract)

I. V. Lebedeva, I. V. Tokatly and A. Rubio

Is Cerium Unique? Rare Earth Metals in Density-Functional Theory (Abstract)

M. Casadei, X. Ren, P. Rinke, A. Rubio and M. Scheffler



Correlated Light-Matter Interactions in Cavity Qued (Abstract)  
J.Flick, H.Appel and A.Rubio

The exact Hohenberg-Kohn functional for a lattice model (Abstract)  
T.Dimitrov, H.Appel and A.Rubio

Real-time propagation of coupled Maxwell-Schrödinger systems (Abstract)  
R. Jestädt, H. Appel, A. Rubio

Optimized effective potential approach to time-dependent density functional theory for many-electron systems inter-acting with cavity photons (Abstract)  
C.Pellegrini, J.Flick, H.Appel, I.Tokatly and A.Rubio

CAT1P: CATALYSIS FROM FIRST PRINCIPLES, 25/05/2014-28/05/2014, GUNZBURG (ALEMANIA)

N<sub>2</sub> formation by pick-up of N-adsorbates off Ag(111): an efficient Eley-Rideal process  
Blanco-Rey M.; Diaz E.; Bocan G.A.; Diez Muiño R.; Alducn M.; Juaristi J.I.

9TH LIQUID MATTER CONFERENCE, 21-25 JULY 2014, LISBON (PORTUGAL)

Protocol design and synthesis of soft nanoparticles via folding of single polymer chains  
Federica Lo Verso, Angel J. Moreno, Ana Sanchez-Sanchez, Arantxa Arbe, Juan Colmenero, Jose A. Pomposo

APS MARCH MEETING, 3-7 MARCH 2014, DENVER (USA)

Extensions of density functional theory approaches to treating quantum phenomena and quantum entanglement (Abstract)  
A. Rubio

Two-level tunneling systems in amorphous alumina (Abstract)  
I. V. Lebedeva, A. P. Paz, I. V. Tokatly and A. Rubio

Time-dependent density functional theory of magneto-optical response of periodic insulators, (Abstract)  
I. V. Lebedeva, I. V. Tokatly and A. Rubio

APS MARCH MEETING, 3-7 MARCH 2014, DENVER (USA)

Identifying individual chemical bonds in single-molecule chemical reaction products using nc-AFM (Abstract)  
S. Wickenburg, D.G. De Oteyza, Yen-Chia Chen, A. Riss, Hsin-Zon Tsai, Z. Pedramrazi, A.J. Bradley, M. M. Ugeda, P. Gorman, G. Etkin, D.J. Mowbray, A. Pérez, A.Rubio, M.F. Crommie and F.R. Fischer

Energy Level Alignment for Many-Body Resonant Tunneling (Abstract)  
J. Walkenhorst, H. Appel, N. Helbig and A. Rubio

8TH INTERNATIONAL CONFERENCE ON SENSING TECHNOLOGY, SEP. 2-4, 2014, LIVERPOOL, UK

Magnetic and Transport properties of Co-Cu Microwires  
V. Zhukova J. J. del Val, M. Ipatov, M. Ilyn, A. Granovsky and A. Zhukov

8TH INTERNATIONAL CONFERENCE ON BROADBAND DIELECTRIC SPECTROSCOPY AND ITS APPLICATIONS, SEPTEMBER 14-19, 2014, WISLA (POLAND)

Role of H-bonds in the dynamics of concentrated solution of PDMAEMA

Guido Goracci, Angel Alegria, Juan Colmenero, Arantxa Arbe

78TH ANNUAL MEETING OF THE DPG AND DPG SPRING MEETING (AMOP SECTION). 17 - 21 OF MARCH 2014, BERLIN (GERMANY)

Non-Adiabatic Molecular Dynamics with Conditional Wave Functions. (Abstract)

Guillermo Albareda, Heiko Appel, Ignacio Franco, Ali Abedi and Angel Rubio

6TH TIME-DEPENDENT DENSITY FUNCTIONAL THEORY: PROSPECTS AND APPLICATIONS, 4 - 18 JANUARY 2014, BENASQUE (SPAIN)

The time-dependent exchange-correlation functional for a Hubbard dimer: quantifying non-adiabatic effect

Mehdi Farzanehpour, Johanna I. Fuks, Ilya V. Tokatly, Heiko Appel, Stefan Kurth, Angel Rubio

Time-dependent density functional theory of magneto-optical response of periodic insulators

I. Lebedeva, I. Tokatly and A. Rubio

Real-time propagations for correlated systems in Fock space

J. Flick, H. Appel and A. Rubio

PFO-BPy SWCNT Hybrid Systems for Organic Solar Cells

L.N. Glanzmann, D.J. Mowbray, J. M. García Lastra and A. Rubio

The exact Hohenberg-Kohn functional for a lattice model

T.Dimitrov, H. Appel, and A. Rubio

50TH SYMPOSIUM ON THEORETICAL CHEMISTRY 2014. SEPTEMBER 14-18, 2014, VIENNA (AUSTRIA)

Examination of Chlorophyll-Chlorophyll Excitation Energy Transfer based on Local Induced Dipoles Analysis

Joaquim Jornet-Somoza, Joseba Alberdi-Rodriguez, Fernando Nogueira, Angel Rubio.

Tuning Far-Red Fluorescent Proteins: Insights from mPlum's Dynamic Stokes Shift

Victor Morón, Angel Rubio and Marius Wanko

4TH INTERNATIONAL CONFERENCE ON SUPERCONDUCTIVITY AND MAGNETISM- ICSM2014, 27.04-02.05, 2014, ANTALYA, TURKEY,

Effect of glass type and diameters ratio of metallic nucleus to total glass coated amorphous CoFe-based microwires on domain wall dynamics

K.Chichay, V.Rodionova, V.Zhukova, M.Ipatov and A.Zhukov

Influence of the defects on magnetic properties of glass-coated microwires

V. Zhukova, E. Shuvaeva, S. Kaloshkin, M. Churyukanova, E. Kostitcyna, V. Sudarchikova, A. Talaat, M. Ipatov and A. Zhukov

Magneto-Electric and Magneto-Optical Properties of Magnetic Microwires in Presence of Super High Frequency Electric Current

A. Chizhik, M. Ipatov, A. Zhukov, J. Gonzalez, Stupakiewicz A. Maziewski

Magneto-electric and magneto-optical properties of magnetic microwires in presence of super high frequency electric current

A. Chizhik, M. Ipatov, A. Zhukov and J. Gonzalez,

28TH INTERNATIONAL WINTERSCHOOL ON ELECTRONIC PROPERTIES OF NOVEL MATERIALS: MOLECULAR NANOSTRUCTURES (IWEPM 2014), 8-15 MARCH 2014, KIRCHBERG/TIROL, AUSTRIA

Using Theory to Deconvolute the XPS Spectra of Oxidized Metallicity-Sorted Carbon Nanotubes, (Abstract)

Duncan J. Mowbray, Alejandro Pérez Paz, Georgina Ruiz-Soria, Markus Souer, Paolo Lacovig, Matteo Dalmiglio, Silvano Lizzit, Kazuhiro Yanagi, Andrea Goldoni, Paola Ayala, Thomas Pichler, and Angel Rubio

Tuning Absorbance of PFO-BPy-SWCNT Hybrid Systems (Abstract)

L. N. Glanzmann, D. J. Mowbray, A. Rubio

17TH MEETING OF THE FACHBEIRAT OF THE FHI, 12TH - 14TH FEBRUARY 2014, BERLIN (GERMANY)

The exact Hohenberg-Kohn functional for a lattice system

Tanja Dimitrov, Heiko Appel, and Angel Rubio

Correlated light-matter interaction in cavity QED

Johannes Flick, René Jestädt, Heiko Appel, and Angel Rubio

Real-time propagation of coupled Maxwell-Schrödinger systems

René Jestädt, Heiko Appel, and Angel Rubio

Ab initio Molecular Dynamics from Conditional Wavefunctions

Guillermo Albareda, Heiko Appel, Ignacio Franco and Angel Rubio

Real-time evolution of Maxwell systems in spinor representation

R. Jestädt, H. Appel and A. Rubio

Unravelling the  $\alpha$ - $\gamma$  Phase Transition in Cerium from the Nanoscale to the Bulk

Marco Casadei, Xinguo Ren, Patrick Rinke, Angel Rubio, and Matthias Scheffler

Non-Adiabatic Dynamics with Conditional Wave Functions

G. Albareda, H. Appel, I. Franco, A. Abedi and A. Rubio.

Thermoelectrics of the Atomic-Thin Germanene

K. Yang, R. D'Agosta and A. Rubio

19TH ETSF WORKSHOP ON ELECTRONIC EXCITATIONS, 24/09/2014, ZARAGOZA, ESPAÑA

Collaborative explorations of carbon-nanotube-based nanodevices

Yann Pouillon, Alejandro Pérez Paz, Jani Mäklin, Niina Halonen, Yann Leroy, Alberto De Juan, Luisa Ruiz-González, Almudena Torres-Pardo, Duncan Mowbray, Juan María García Lastra, Géza Tóth, Krisztián Kordás, Zoltán Kónya, Ákos Kukovecz, Emilio M. Pérez, Nazario Martin, Ángel Rubio

16TH WORKSHOP ON DYNAMICAL PHENOMENA AT SURFACES, 29-21 URRIA 2014,  
MADRID, ESPAÑA

Phonon and electron excitations in diatom abstraction via Eley-Rideal mechanism from metal surfaces

Oihana Galparsoro, Rémi Pétuya, Cédric Crespos, J. Inaki Juaristi, Maite Alducin, and Pascal Larregaray

N<sub>2</sub> formation by pick-up of N-adsorbates off Ag(111): an efficient Eley-Rideal process

Blanco-Rey M.; Diaz E.; Bocan G.A.; Díez Muiño R.; Alducin M.; Juaristi J.I.

Role of van der Waals interaction on the dissociative adsorption of N<sub>2</sub> on W(110)

L. Martin-Gondre, J. I. Juaristi, M. Blanco-Rey, R. Díez Muiño, and M. Alducin

Surface strain improves molecular adsorption but hampers dissociation for N<sub>2</sub> on the Fe/W(110)

I. Goikoetxea, J. I. Juaristi, R. Díez Muiño, and M. Alducin

N<sub>2</sub> formation by pick-up of N adsorbates off Ag(111): an efficient Eley-Rideal process

M. Blanco-Rey, E. Díaz, G. Bocan, R. Díez Muiño, M. Alducin, and J. I. Juaristi

Dissociative dynamics of O<sub>2</sub> on Ag(110)

I. Loncaric, M. Alducin, and J. I. Juaristi

Electronic Friction Models for Hot Atoms Dynamics Ab Initio Simulations Beyond the Frozen Surface Approximation

D. Novko, M. Blanco-Rey, M. Alducin, and J. I. Juaristi

16TH INTERNATIONAL CONFERENCE ON TRANSPARENT OPTICAL NETWORKS – ICTON  
2014, UZTAILA 6-10, 2014, GRAZ, AUSTRIA

Enhanced chiroptical properties of a hybrid material consisting of J-aggregates and silver nanoparticles

Melnikau, D.; Savateeva, D. Y. K.; Gun'ko, Rakovich, Y. P.

Optical Properties of Hollow Polymer Microspheres Loaded with Semiconductor Quantum Dot

Savateeva, D. Melnikau, D. McCarthy, J.E. Purcell-Milton, F. Gerard, V. McCloskey, D. Donegan, J. Gun'ko, Y.K. Chugunov, S. Rusakov, K.I. Rakovich, Y.P.

143RD ANNUAL MEETING & EXHIBITION, 16/02/2014 - 20/02/2014, SAN DIEGO  
(CALIFORNIA, USA),

Magnetic properties and giant magnetoimpedance effect in nanocrystalline microwires

V. Zhukova, A. Talaat, M. Ipatov, J. Blanco, M. Churyukanova, S. Kaloshkin, E. Kostitcyna, E. Shuvaeva, L. Gonzalez-Legarreta, B. Hernando, A. Zhukov,

*(Kimika Aplikatua Saila)*

## HITZALDI GONBIDATUAK

HANGZHOU INTERNATIONAL POLYMER FORUM, 14-17 maitza 2014. China, Hangzhou

J.M. Asua

Production of Dispersed Polymers in Continuous Reactors

Plenary lecture

FRONTIERS OF POLYMER COLLOIDS: FROM SYNTHESIS TO MACRO-SCALE AND NANO-SCALE APPLICATIONS, FPCOL'14", Uztaila 20-24, 2014. Txekiar Errepublika, Praga

J.M. Asua

Developments in Control of Particle and Film Morphology

Keynote lecture

ADVANCES IN COATINGS TECHNOLOGY, ACT'14, 20-24 Urria 2014. Polonia, Katowice

M. Moreno, M. Goikoetxea, M.J. Barandiaran

Waterborne Coatings Based on Sunflower Oil Derivatives

ENERGY, MATERIALS AND NANOTECHNOLOGY, 27 Otsaila-2 Martxo 2014. USA, Las Vegas

R. Tomovska, J.B. Gilev

Water-borne polymer/graphene nanocomposites

SYMPOSIUM TO COMMEMORATE THE 10TH ANNIVERSARY OF ICIQ

18-07-14 /18-07-14, Tarragona

Z. Freixa

From homogeneous catalysis to photochromic materials... and back

CONFERENCIA INVITADA UNIVERSIDAD DE COIMBRA, 07-03-14. Portugal, Coimbra

Z. Freixa

From homogeneous catalysis to photochromic materials... and back

ABENGOA CATALYSIS SUMMER WORKSHOP, 01-07-2014, Sevilla

Mario Montes

Structured Catalytic Reactors: Fundamentals and preparative strategies

XXIV CICAT, 15-09-2014 / 19-09-2014, Colombia, Medellín

Mario Montes

Intensificación de Procesos Catalíticos con Reactores de Microcanales (Foro "Nuevas Tendencias, Conceptos y Retos en la Catálisis del Siglo XXI y el Papel de Iberoamérica")

XII CONAMI, 18-06-2015 tik 20-06-2014ra, Bilbo

Unai Ugalde.

Los puntos cardinales de la investigación orientada al mercado

ECFG12, 2014, Sevilla

Unai Ugalde.

The initiation of asexual development in *Aspergillus nidulans*

Conferencia Plenaria

### AHOZKO HITZALDIK

II REUNIÓN DE JÓVENES INVESTIGADORES EN COLOIDES E INTERFASES

27-30 Apirila 2014, Granada

A. de San Luis, A. Bonnefond, M. Paulis, J.R. Leiza

Nanostructured polymeric dispersions containing quantum dots

COATINGS SCIENCE INTERNATIONAL 2014 (COSI 2014)

24-26 Ekaina 2014, Holanda, Noordwijk

M. Aguirre, M. Paulis, J. R. Leiza

Synthesis of waterborne acrylic/metal oxide hybrid binders for UV blocking clear coats for wood applications

MATERIALEN ZIENTZIA ETA TEKNOLOGIA II KONGRESUA, MZT2.

3-4 Uztaila 2014, Donostia-San Sebastián

Z. Aguirreurreta, J.C. de la Cal, J. R. Leiza

Emulsionatzaile polimerizagarrien erabilera emulsio polimerizazioan

M. Aguirre, M. Paulis, J. R. Leiza

UV-absortzio propietateak dituzten estaldura gardenak sortzeko akrilato/CeO<sub>2</sub> nanokonposatu ur-dispersioen sintesia

FRONTIERS OF POLYMER COLLOIDS: FROM NANOSYNTHESIS TO MACRO-SCALE AND NANO-SCALE APPLICATIONS

20-24 Uztaila 2014, Txekiar Errepublika, Praga

E. Mehravar, J.R. Leiza, J.M. Asua

Comb-like acrylic based polymer latexes containing nano-sized crystalizable domains

3RD EFCE PRE WORKING PARTY

12-14 Iraila 2014, Donostia-San Sebastian

S. Hamzelhou, Y. Reyes, J.R. Leiza

Simulation of Polyurethane/Acrylic Hybrid Polymerization in Batch Miniemulsion Polymerization

A. de San Luis, A. Bonnefond, M. Paulis, J.R. Leiza

Nanostructured polymeric aqueous dispersions containing quantum dots

2ND INTERNATIONAL CONFERENCE ON BIOINSPIRED AND BIOBASED CHEMISTRY AND MATERIALS.

15-17 Urtia 2014. Frantzia, Niza

M. Moreno, M. J. Barandiaran, J. Desport

Waterborne Adhesives from Sugar-Based Polymers

ICBMC'14, INTERNATIONAL CONFERENCE ON BIOBASED MATERIALS AND COMPOSITES

10-16 Maiatza 2014. Kanada, Montreal

J. Desport, M. Moreno, M.J. Barandiaran

Waterborne Sugar-based Polymers

5TH GREEN CHEMISTRY AND NANOTECHNOLOGIES IN POLYMER CHEMISTRY, ECLIPSE WORKSHOP, BIOPURFIL WORKSHOP,

9-10 Uztaila 2014, Kanada, Donostia-San Sebastián.

J. Desport, M. Moreno, M.J. Barandiaran

Aqueous Polymer Colloids based on Sugar-based Monomer

MACRO2014

Uztaila 2014, Chiang Mai, Tailandia  
Antonio Veloso, Wendy García, José Carlos de la Cal, José María Asua  
Characterization of amphiphilic block copolymers using MALDI TOF MS

16ª REUNIÓN BIENAL DEL GRUPO ESPECIALIZADO DE QUÍMICA INORGÁNICA Y 10ª  
REUNIÓN BIENAL DEL GRUPO ESPECIALIZADO DE QUÍMICA DEL ESTADO SÓLIDO DE LA  
RSEQ. QIES-14

2014/06/15 / 2014/06/18, Almería

Itziar Oyarzabal Epelde, José Ruiz Sanchez, Jose Manuel Seco Botana, Marco Evangelisti,  
Agustín Camón, Eliseo Ruiz, Daniel Aravena, Enrique Colacio Rodríguez  
Diseño electrostático de anisotropía uniaxial en la molécula imán Zn(II)-Dy-Zn(II) con alta barrera  
energética para la relajación de la magnetización

XXIV CICAT

2014/09/15 / 2014/09/19, Colombia, Medellín

O. Echenique, O. Sanz, F. J. Echave, M. Montes, V. Cortés Corberán  
Catalizadores estructurados de Pt/CeO<sub>2</sub> para reformado de etanol: Efecto de la morfología y del  
CeO<sub>2</sub> coloidal como aglutinante

A. Souza, O. Sanz, M. Montes, L. Almeida, C. Abreu

Avaliação do desempenho de catalisador de níquel/gama-alumina em pó e estruturado na  
reforma seca do metano

2014 AIChE ANNUAL MEETING

2014/11/16 / 2014/11/21, EEUU, Atlanta

I. Velasco, O. Sanz, J. A. Odriozola, L. M. Gandia

Structuring Pd/ZnO catalyst for methanol steam reforming

J. A. ODriozola, S. Palma, O. H. Laguna, F. Romero-Sarria, M. A. Centeno, M. Montes  
Effect of Methanol Concentration on the Performance of CuOx/CeO<sub>2</sub> catalysts for COPROX

8ª REUNION DE LA RED TEMATICA BAL. PARTICIPACIÓN DE LAS BACTERIAS LÁCTICAS  
EN LA SALUD HUMANA Y EN LA CALIDAD ALIMENTARIA

26 - 27 Ekaina 2014, San Adrián (Nafarroa)

A. I. Puertas, I. Ibarburu, G. Llamas, A. Zuriarrain, P. López, G. Spano, A. Munduate, I. Berregi y  
M. T. Dueñas

Estudio de la variación del perfil polifenólico por bacterias lácticas en mostos de Manzana

28TH EFFOST CONFERENCE

25 - 28 Azaroa 2014, Suecia, Uppsala

M. G. Llamas, A. Peirotén, A. I. Puertas, A. Prieto, M. Medina, E. Rodríguez y M. T. Dueñas.  
Probiotic and technological properties of two bifidobacteria isolated from infant faeces and  
characterization of their exopolysaccharides

FOOD MICRO 2014

1 - 4 Iraila 2014, Frantzia, Nantes

A. I. Puertas, G. Llamas, A. Zuriarrain, I. Berregi y M. T. Dueñas

Effect of riboflavin-producing lactic acid bacteria on the polyphenolic profile of cider

## POSTERRAK

ZABALDUZ EGUNA 2014, 2014ko Urriak 14, Bilbo (Bizkaia)  
Andoni Zuriarrain, Iñaki Berregi, Juan Zuriarrain, Unai Agirre  
Sidras monovarietales. Elaboración y estudio

XXIV REUNIÓN NACIONAL DE ESPECTROSCOPIA-VIII CONGRESO IBÉRICO DE  
ESPECTROSCOPIA, 2014/07/0 - / 2014/07/11, Logroño  
C. Ubide, J. León, M. Ostra, M. Vidal  
Phosphors and chemiluminiscent reactions for the experimental assessment of uncertainty in  
fluorescence detectors

JORNADA SOBRE ESTRATEGIAS PARA LA INNOVACIÓN DE LA ACTIVIDAD DOCENTE EN  
QUÍMICA ANALÍTICA: CONTENIDOS Y HERRAMIENTAS, 2014ko Apirilak 10, Alcalá de  
Henares  
Josu Lopez-Gazpio, Miren Ostra  
Nuevas fronteras en la enseñanza de la química analítica experimental

WORKSHOP ON "NANOMATERIALS FOR PHOTOCATALYTIC DEPOLLUTION: SCIENCE  
AND ENGINEERING"  
ASEAN-EU Science, Technology and Innovation days, 21-23 Urtarrila 2014, Tailandia, Bangkok  
M. Aguirre, M. Paulis, J.R. Leiza  
Encapsulation of metal oxides in concentrated polymeric particle dispersions

MATERIALEN ZIENTZIA ETA TEKNOLOGIA II KONGRESUA, MZT2.  
3-4 Uztaila 2014, Donostia-San Sebastián

A. Veloso, J.R. Leiza  
Polimeroen karakterizazioa MALDI-TOF masa espektroskopia erabilita

A. de San Luis, M. Paulis, J.R. Leiza, A. Bonfond  
Polimero/puntu kuantiko nanokonposatu hibridoen sintesia

N. Monasterio, J.R. Leiza, E. Meaurio, J.R. Sarasua  
Polibinil alkohola eta  $\alpha$ -ktoglobulina nahasteetan oinarritutako filmen lorpena

M. Moreno, M. Goikoetxea, M. J. Barandiaran  
Iturri Berriztagarrietatik Eko-Pinturetara

A. Barquero, M. Moreno, M. J. Barandiaran  
Hastarazlea Elikatzeko Moduaren Eragina Latexen Film Propietateetan

FRONTIERS OF POLYMER COLLOIDS: FROM NANOSYNTHESIS TO MACRO-SCALE AND  
NANO-SCALE APPLICATIONS  
20-24 Uztaila 2014, Txekiar Errepublika, Praga



Z. Aguirreurreta, J.R. Leiza, J.C. de la Cal  
Improving the performance of high solids content acrylic latexes using polymerization surfactants

E. Mehravar, J.R. Leiza, J.M. Asua  
Comb-like Acrylic-Based Polymer Latexes Containing Nano-Sized Crystallizable Domains

W. García, J.C. de la Cal, J.M. Asua  
Comparison of Oligomeric Surfactants with Random and Block Structure as Stabilizers in Miniemulsion Polymerization

A.B. López, J.C. de la Cal, J.M. Asua  
Waterborne Fluoropolymer Dispersions for Hydrophobic Coatings

J. Juaristi, P.-E. Dufils, A. Veneroni, Y. Vanderveken, J.M. Asua  
Morphology and Film Forming Properties of Acrylic Hybrid Coatings

J. Urrutia, J.M. Asua  
Particulate Fouling in Emulsion Polymerization Reactors  
F. Boscán, M. Paulis, M.J. Barandiaran  
Emulsion polymerization of superhydrophobic monomers by combination of emulsifiers of different hydrophobicity

5TH GREEN CHEMISTRY AND NANOTECHNOLOGIES IN POLYMER CHEMISTRY,  
ECLIPSE WORKSHOP, BIOPURFIL WORKSHOP, 9-10 Uztaila 2014, Donostia-San Sebastián  
Vanessa Herman, Sara Pinto, Jessica Desport, Mónica Moreno, María J. Barandiaran  
From Vegetable Oils to Waterborne Coatings

XXXII REUNIÓN ANUAL DEL GRUPO ESPECIALIZADO DE QUÍMICA ORGANOMETÁLICA  
(RSEQ), 2014/09/17 – 2014/09/19, Tarragona

E. Mora, M. Barquín, L. Ibarlucea, J.M. Seco, A. Rodríguez, M.A. Garralda  
2-Pyridonate- and 8-quinolate-acylrhodium complexes. Synthesis and catalytic activity

Ricardo Hernández, M.A. Garralda, J.M. Seco, A. Rodríguez  
Selectividad en las reacciones de formación de acilcomplejos de rodio(III) con diaminas alifáticas

S. Azpeitia, L. Ibarlucea, J. M. Seco, A. Rodríguez, M. A. Garralda  
New acylrhodium(III) complexes derived from  $\text{PPh}_2\text{CH(Ph)CH}_2\text{CHO}$

Zumeta, C. Mendicute-Fierro, J. M. Seco, A. Rodríguez, M. A. Garralda  
Reacción de hidruoirida- $\beta$ -dicetonas con aminoalquilpiridinas

M. Muñoz-Olasagasti, M.A.Garralda, A. Tellería, J. Perez-Miqueo, Z. Freixa  
Obtención de hidrógeno a partir de aductos aminoborano catalizada por complejos de rutenio

J. Perez-Miqueo, A. Telleria, M. Muñoz-Olasagasti, Z. Freixa  
Complejos fotocromicos de iridio derivados de azobenceno

16ª REUNIÓN BIENAL DEL GRUPO ESPECIALIZADO DE QUÍMICA INORGÁNICA Y 10ª REUNIÓN BIENAL DEL GRUPO ESPECIALIZADO DE QUÍMICA DEL ESTADO SÓLIDO DE LA RSEQ. QIES-14, 2014/06/15 / 2014/06/18, Almería

Jose Manuel Seco Botana, Luis Botana Salgueiros, José Ruiz Sanchez, Antonio José Mota Avila, Antonio Rodríguez Diéguez, Itziar Oyarzabal Epelde, Enrique Colacio Rodríguez  
Compuestos polinucleares de Ni(II) con inusuales puentes mixtos. Importancia de los coligandos aniónicos en la estructura y propiedades magnéticas

Antonio Jesús Calahorra Casanova, Jose Manuel Seco Botana, Manuel Perez Mendoza, David Fairén, Antonio Rodríguez Diéguez  
Nuevos MOFs 3D de cobre selectivos a la adsorción de CO<sub>2</sub>  
Andoni Zabala Lekuona, Itziar Oyarzabal Epelde, José Ruiz Sanchez, Maria Montserrat Barquin Muga, Jose Manuel Seco Botana, Enrique Colacio Rodríguez  
Estructura y propiedades magnéticas de compuestos homometálicos de Ni(II) con el ligando N,N'-dimetil-N,N'-bis(hidroxi-3-formil-5-bromo-bencil)etilendiamina

Eider San Sebastian Larzabal, Pietro Macchi, Antonio Jesús Calahorra Casanova, Alfonso Salinas Castillo, Jose Manuel Seco Botana, Antonio Rodríguez Diéguez  
Estudio teórico y experimental de nuevos MOFs luminiscentes a partir de derivados del ácido tetrazol-bencílico

XXIV CICAT, 2014/09/15 / 2014/09/19, Colombia, Medellín

I. Velasco, O. Sanz, M. Montes  
Reformado de metanol en monolitos metálicos recubiertos de Pd/ZnO

D. Merino, I. Pérez, O. Sanz, M. Montes  
Preparación de soportes de porosidad controlada para la Síntesis de Fischer-Tropsch

J. Redosevic, O. Sanz, I. Reyero, L.M. Gandía, G. Arzamendi, M. Montes  
Catalizadores estructurados para la obtención de biodiesel. Síntesis de CaO-CeO<sub>2</sub> para mejorar la adhesión en el monolito

ECFG12, martxo 2014, Sevilla  
Elixabet Perez de Nanclares-Arregi, Erika Herrero-García, Unai Ugalde, Eduardo A. Espeso and Oier Etxebeste  
Elucidating the role of the hyphal tip in the triggering of conidiation in *Aspergillus nidulans*

V WORKSHOP PROBIÓTICOS, PREBIÓTICOS Y SALUD: EVIDENCIA CIENTÍFICA  
23 - 24 Urtarrila 2014, Valencia

Llamas M.G., Peirotén A., Puertas A. I., Prieto A., Medina M., Rodríguez E. y Dueñas M. T.  
Caracterización de los exopolisacáridos y propiedades probióticas y tecnológicas de dos bifidobacterias aisladas de heces de lactantes

Puertas A.I., Ibarburu I., Llamas G., Muñoz M.E., Prieto A. y Dueñas M.T.  
Actividad prebiótica de heteropolisacáridos producidos por *Lactobacillus* procedentes de la sidra

Gangoiti M. V., Puertas A., Hamet F., Medrano M., Dueñas M.T., y Abraham A.G.  
Caracterización de una cepa de *Lactobacillus plantarum* aislada de kefir, productora de exopolisacárido y riboflavina, con potencial aplicación a la industria alimenticia

*(Kimika Organikoa I Saila)*

(A) Antolaketa

Unidad de Formación e Investigación (UFI) Química Orgánica, Síntesis y Catálisis (QOSYC)  
[www.ehu.es/qosyc](http://www.ehu.es/qosyc)

IV Workshop: Métodos y Estrategias en Síntesis

Donostia, 2014/03/21

Antolatzailleak: Fernando Cossío eta Claudio Palomo

Unidad de Formación e Investigación (UFI) Química Orgánica, Síntesis y Catálisis (QOSYC)  
[www.ehu.es/qosyc](http://www.ehu.es/qosyc)

III Workshop: Métodos y Estrategias en Síntesis

Vitoria, 2014/10/22

Antolatzaillea: Claudio Palomo

4<sup>th</sup> BSWOC - Brazil-Spain Workshop on Organic Chemistry

Antolatzailleak: Fernando Cossío eta Ana Arrieta

San Sebastián-Donostia, 2-4 Uztaila 2014

(A) Partehartzea

HITZALDI GONBIDATUAK

20TH INTERNATIONAL CONFERENCE ON ORGANIC SYNTHESIS

Budapest, Hungría, 2014/06/29-2014/07/04

Control of Stereoselectivity in Asymmetric Organic Reactions

Claudio Palomo

ORCA-COST ACTION

Palermo, Italia, 2014/05/07-2014/05/10

Stereocontrol in Organic Synthesis: From Chiral Lewis Acid Catalysis to Organocatalysis

Claudio Palomo

ANNUAL FLORIDA HETEROCYCLIC AND SYNTHETIC CONFERENCES - FLOHET 2014

Gainesville, Florida (USA), Martxo 2014

Novel Methods for the Stereocontrolled Synthesis of Densely Substituted Pyrrolidine Rings

Fernando P. Cossío

4<sup>TH</sup> BRAZIL-SPAIN WORKSHOP ON ORGANIC CHEMISTRY

Donostia-San Sebastián, 2-4 Uztaila 2014

Catalysts in the Asymmetric Synthesis of Heterofunctionalized Carbonyl Compounds

Antonia Mielgo

X SISOC 10TH SPANISH-ITALIAN SYMPOSIUM ON ORGANIC CHEMISTRY

Florença, Italia, uztaila 2014  
Advances in the asymmetric synthesis of  $\beta$ -functionalized carbonyl compounds  
M. Oiarbide

XXV BIENAL DE QUÍMICA ORGÁNICA  
Alicante, 4-6 Ekaina 2014  
Stereoselective Synthesis of  $\beta$ - and  $\gamma$ -Functionalized Fragments. From Old to New Organocatalysts  
Rosa López

5ª JORNADAS DE LA RED DE CATALISIS ASIMÉTRICA (RED CASI)  
Palma de Mallorca, 2-3 Urria 2014  
New Organocatalysts for the Construction of Challenging  $\beta$ - and  $\gamma$ -Functionalized Fragments.  
Rosa López

#### AHOZKO HITZALDIK

10TH CONGRESS OF THE WORLD ASSOCIATION OF THEORETICAL AND COMPUTATIONAL CHEMISTS - WATOC 2014, Santiago (Chile), Urria 2014  
Origins of the Selectivity in the Interaction between Cisplatin and DNA  
Fernando P. Cossío, Abel de Cózar, Matthias F. Bickelhaupt, Olatz Larrañaga, Jean-D. Maréchal, Eider San Sebastián, Elisabeth Ortega-Carrasco

XL CONGRESO DE QUÍMICOS TEÓRICOS DE EXPRESIÓN LATINA - QUITEL 2014  
San Cristóbal Island (Galápagos, Ecuador), Azaroa 2014  
Spin states along the catalytic cycle of non-heme Fe-containing enzymes  
M. Torrent-Sucarrat, N. Alberro, I. Arrastia, A. Arrieta, F.P. Cossío

#### POSTERRAK

4TH BRAZIL-SPAIN WORKSHOP ON ORGANIC CHEMISTRY, UNIVERSITY OF THE BASQUE COUNTRY, Donostia-San Sebastián, Spain, 2 - 4 July 2014

Prediction of Diastereoselectivity in Heterogeneous Hydrogenation.  
Béla Fiser, Caroline Bosch, Ben Bradshaw, Josep Bonjoch, Enrique Gómez-Bengoia

Graphene-Triazolium  $\pi$ - $\pi$  Stacking Models: a Spectroscopic and Computational Study  
N. Perez-Esnaola, J.I. Miranda, J. I. Santos, J. M. Aizpurua

Neuropeptide Ligands for CEST Magnetic Resonance Imaging (MRI)  
E. Andreieff, N. Perez-Esnaola, J.I. Miranda, J. M. Aizpurua.

Halocyanogens as Neutral and Selective Reagents for the C-Halogenation of Alkynes, Imidazolium salts and Triazolium salts  
F.J. Fernandez, A. Irastorza, Z. Monasterio, N. Pérez-Esnaola, M. Sagartzazu-Aizpurua, J. M. Aizpurua

Synthesis and Radiographic Study of Iodotriazole RGD Mimetics for CT Scanning  
M. Sagartzazu-Aizpurua, Z. Monasterio, J. M. Aizpurua, B. Herrero De La Parte, N. Etxeberria-Loizate, I. García-Alonso, J.J. Etxebarria-Uraga

10TH CONGRESS OF THE WORLD ASSOCIATION OF THEORETICAL AND COMPUTATIONAL CHEMISTS (WATOC 2014), Santiago, Chile, 5–10 October 2014

Uranyl-Glutathione Interactions- A Computational Study  
Béla Fiser, Enrique Gómez-Bengoa

Inhibitor Design for Trehalase Proteins  
Béla Fiser, Martina Petrović, Dina Scarpi, Ernesto Occhiato, Enrique Gómez-Bengoa

On the Mechanisms of the Dynamic Kinetic Strategy for the Asymmetric Synthesis of Chiral Heterobiaryls  
Béla Fiser, Abel Ros, Pedro Ramírez-López, Rosario Fernández, Jose María Lassaletta, Enrique Gómez-Bengoa

### 3.8. Patenteak

*(Kimika Organikoa I Saila)*

Asmatzaileak: F.P. Cossío, M.G. Retamosa, A. Larumbe, A. Zubia, T. Bello, Y.I. Vara, C. Masdeu, E. Aldaba

Titulua: Enantiopure Tetrasubstituted Pyrrolidines as Scaffolds for Proteasome Inhibitors and Medicinal Applications Thereof

Eskaera zenbakia: EP14382058.7

Lehentasun herrialdea: U.E.

Lehentasun data: 2014

Jabegoa: UPV/EHU e Ikerchem S.L.

Enpresa esplotatzaileak: Ikerchem S.L.

### 3.9. Beste kurtso eta hitzaldiak

*(Polimeroen Zientzia eta Teknologia)*

Lüdwig Maximilians Universität, Munich, Alemania  
*Aluminum in biological environments: a computational approach*

Xabier Lopez

Hitzaldia

2014ko Otsailak 17

Universidad de Santiago de Chile (USACH), Santiago de Chile, Chile  
*Quantum dot photoactivation by electron transfer. Insights from dft and tddft calculations*

Jesus M. Ugalde

Hitzaldia

2014ko Urriak 10

Universidad de Santiago de Chile (USACH), Santiago de Chile, Chile  
*Novel solid polymorphs by self-assembling of nanoclusters*

Jon M. Matxain

Hitzaldia

2014ko Urriak 10

Universitat de Barcelona, Barcelona  
*Novel solid phases by self-assembling of nanoclusters*

Jon M. Matxain

Hitzaldia

2014ko Abenduak 12

Institute of Chemistry, Chinese Academy of Sciences, Beijing, China  
*Self-nucleation and successive self-nucleation and annealing (SSA) techniques as tools for polymer characterization*

Alejandro J. Müller

Hitzaldia

2014ko Ekainak 5

Institute of Chemistry, Chinese Academy of Sciences, Beijing, China  
*The consequences of confinement upon nucleation and crystallization kinetics of homopolymers and block copolymer components*

Alejandro J. Müller

Hitzaldia

2014ko Ekainak 6

CFM informal conference series, CFM, Donostia-San Sebastián  
*Mixed-matrix interfaces involving DNA, ionic liquids and polymers*

T. Schäfer

Hitzaldia

2014ko Urtarrilak 22

Euraxess Workshop of FECYT, Madrid

*Foreign researchers in Spain*

T. Schäfer

Hitzaldia  
2014ko Apirilak 3

King Abdullah University of Science and Technology, Thuwal, Arabia Saudi  
*DNA-gating membranes*  
T. Schäfer  
Hitzaldia  
2014ko Azaroak 11

EHU/UPV, Joxe Mari Korta Eraikina  
*Reología*, Curso impartido a personal de la empresa Standardprofil  
Maria Eugenia Muñoz, Antxon Santamaría eta Mercedes Fernández  
2014ko Uztailak

Societad Europea de Membranas (EMS), Cetraro, Italia  
*Innovative membrane systems*  
T. Schäfer  
Udako Ikastaroa  
2014/09/28-2014/10/03

Universidad de Huelva, Universidad Internacional de Andalucía  
Antxon Santamaría  
Masterra: Formulación y Tecnología del Producto. Aplicaciones en la Industria Química, Agroalimentaria y Farmacéutica

IFP-School (Institut Français du Petrole) Rueil-Malmaison (Francia)  
Antxon Santamaría  
Masterra: Process and Polymers

Universidad de Huelva, Universidad Internacional de Andalucía  
José I. Eguiazábal  
Masterra: Formulación y Tecnología del Producto. Aplicaciones en la Industria Química, Agroalimentaria y Farmacéutica

Universidad Internacional Menéndez Pelayo-Instituto de Ciencia y Tecnología de Polímeros (CSIC) Madrid  
Maria Eugenia Muñoz eta Mercedes Fernández  
Masterra: Master de Alta Especialización en Plásticos y Caucho

Universidad de Barcelona  
Xabier López  
Masterra: European Master in Theoretical Chemistry and Computational Modeling

ETSII, Bilbo (UPV/EHU)  
Agustin Etxeberria  
Masterra: Master de Ingeniería de Materiales Avanzados



*(Materialen Fisika Salla)*

## DIBULGAZIO HITZALDIAK

"Nanotecnología: El gran reto de lo pequeño. La sublime utilidad de la ciencia inútil"

P.M. Etxenike

Garatu, CIC Nanogune, Donostia, 2014/01/23

"El palíndromo del futuro: Ciencia. Economía. Cultura"

P.M. Etxenike

Rotary Club de San Sebastián, Donostia, 2014/01/23

"Zientzia. Krisia. Etorkizuna. Zientziaren egoera Euskal Herrian"

P.M. Etxenike

Goierri Bizia, Beasain, 2014/02/26

"De lo pequeño a lo grande, de lo simple a lo complejo. La sublime utilidad de la ciencia inútil"

P.M. Etxenike

Jakiunde krisiak 2014: Higgs Bosoiauren Aurkikuntza, Bergara, 2014/04/03

"Sociedad de la información. Una sociedad informada"

P.M. Etxenike

Telefónica, Oviedo, 2014/05/15

"Creatividad. Innovación"

P.M. Etxenike

50. urteurrena AMPO, Idiazabal, 2014/05/21

"Consejos a jóvenes bachilleres"

P.M. Etxenike

Acto académico de despedida de las alumnas y familias de 2º Bachillerato, Eskibel, Donostia, 2014/05/23

"La sublime utilidad de la ciencia inútil"

P.M. Etxenike

Conferencia extraordinaria, Cursos de Verano Complutense 2014, El Escorial, 2014/07/16

"Ciencia. Cultura. Futuro"

P.M. Etxenike

"El Paular", Madrid, 2014/09/20

"Zientzia. Gizartea. Etorkizuna"

P.M. Etxenike

Eragin 2014-2015, Koldo Mitxelena, Donostia, 2014/10/06

"Ciencia. Economía. Cultura"

P.M. Etxenike

36º Congreso Nacional de la Sociedad Española de Médicos de Atención Primaria (SEMERGEN), Palacio Euskalduna, Bilbo, 2014/10/08

"La sublime utilidad de la ciencia inútil"

P.M. Etxenike

"La fábrica del futuro", Sisteplant, Palacio Euskalduna, Bilbo, 2014/10/16

"La sublime utilidad de la ciencia inútil. Cooperación internacional: el camino"

P.M. Etxenike

I Simposio Euro-Regional, Université de Bordeaux, 2014/11/19

"Consejos a un joven investigador"

P.M. Etxenike

Universidad Complutense de Madrid, Madrid, 2014/11/26

"Ciencia. Economía. Creatividad. Cultura"

P.M. Etxenike

Fundación Izarra, Ermua, 2014/12/04

"Lo útil de conocer"

P.M. Etxenike

Presentación Grupo Tomás Yerro, DIPC, 2014/12/12

*(Kimika Organikoa I Saila)*

Síntesis de fragmentos  $\beta$ - y  $\gamma$ - funcionalizados mediante organocatálisis estereoselectiva.

Rosa López

Hitzaldi gonbidatua, Universidad Autónoma de Madrid

Madrid, 2014ko Apirilak 9

Síntesis estereoselectiva de fragmentos  $\beta$ - y  $\gamma$ - funcionalizados mediante organocatálisis.

Rosa López

Hitzaldi gonbidatua, Instituto de Química Orgánica CSIC

Madrid, 2014ko Azaroak 14

General Overview on Computational Organic Chemistry

Enrique Gómez Bengoa

University of Szeged (Hungria), 2014ko Maiatzak 26

### 3.10. Egonaldiak beste zentruetan

*(Polimeroen Zientzia eta Teknologia Saila)*

UNIVERSITE DE PAU ET DES PAYS DE L'ADOUR, Pau (Francia)

Jon Urquijo Elortegui

3 hilabete

UNIVERSIDAD DE LEUWEN, Leuven, Belgika

Jon Uranga Barandiaran

3 hilabete

UNIVERSITY OF BONN, Bonn, Alemania  
Isabel Machado  
3 hilabete

UNIVERSITÄT ZU KIEL, Kiel, Alemania  
Ana Corres Ortega  
3 hilabete

(Kimika Aplikatua Saila)

UNIVERSIDAD DE GRANADA/Facultad de Ciencias/Dpto. Química Inorgánica. Granada  
(España)

José Manuel Seco  
Ikerketa-zereginak eta kolaborazio-bilera.  
2014/01/09 – 2014/01/24

Itziar Oyarzabal  
Ikerketa-zereginak eta kolaborazio-bilera.  
2014/01/19 – 2014/01/24

Eider San Sebastián  
Ikerketa-zereginak eta kolaborazio-bilera.  
2014/01/19 – 2014/01/24

Claudio Mendicute  
Ikerketa-zereginak eta kolaborazio-bilera.  
2014/01/19 – 2014/01/24

UNIVERSIDAD FEDERAL DE RIO GRANDE DEL SUR, Porto Alegre, Brasil  
Ainara Telleria Echniz  
Kolaborazioko egonaldia, Jairton Dupont irakaslearekin.  
2014/07/16 – 2014/12/18

CNRS, Toulouse, Francia

Jorge Pérez  
Kolaborazio egonaldia transpirinotarreko sare proiektu barruan. Síntesis de nanopartículas.  
2014/07/02 – 2014/07/21

Jorge Pérez  
Kolaborazio egonaldia transpirinotarreko sare proiektu barruan. Síntesis de nanopartículas.  
2014/11/16 – 2014/12/10

NUPLEX DE BERGEN OP ZOOM, Belgika.  
Freddy Enrique Boscán  
Ikerketa-egonaldia nazioarteko tesia egiteko. Lan-plana: Latexes basados en monómeros superhidrofóbicos  
2014/02/01 – 2014/04/30

INSTITUT CHARLES GERHARDT MONTPELLIER, UMR 5253 CNRS-UM2-ENSCM-UM1.  
Equipe "Ingénierie et Architectures Macromoléculaires" (IAM), ECOLE NATIONALE  
SUPERIEURE DE CHIMIE DE MONTPELLIER, Francia

Joseba Juaristi

Ikerketa-egonaldia nazioarteko tesia egiteko. Lan-plana: Síntesis y caracterización de partículas híbridas de polímeros halogenados.

2014/02/10 – 2014/05/09

BASF Ludwigshafen, Alemania

Ziortza Agirreurreta

Lau hilabetetako egonaldia nazioarteko tesia egiteko. Lan-plana: Polymerizable Surfactants in Emulsion

2014/01/01 – 2014/05/31

UNIVERSITY OF GRONINGEN, Biocatalysis in Polymer Chemistry group, de Groningen, Holanda

Jessica S. Desport

5 asteko ikerketa-egonaldia. Lan-plana: Synthesis of Sugar-Based Monomers

2014/11/07 – 2014/12/12

UNIVERSIDAD DE FOGGIA (Foggia, Italia)

M<sup>a</sup> Teresa Dueñas

MINECO AGL2009-12998-C03-02 proiektuaren barruko eztabaida.

2014/01/12 – 2014/01/15

Ana Isabel Puertas

MINECO AGL2009-12998-C03-02 proiektuaren barruko eztabaida.

2014/01/12 – 2014/01/15

CENTRO DE INVESTIGACIONES BIOLÓGICAS, CSIC, Madrid

Ana Isabel Puertas

MINECO AGL2009-12998-C03-02 proiektuaren barruko eztabaida.

2014/01/12 – 2014/01/15

AZTI-Tecnalia (Derio)

Ana Isabel Puertas

MINECO AGL2009-12998-C03-02 proiektuaren barruko eztabaida.

2014/10/20 – 2014/12/01

Ana Isabel Puertas

MINECO AGL2009-12998-C03-02 proiektuaren barruko eztabaida.

2014/10/20 – 2014/12/01

Goretti Llamas

Gas-kromatografia bidezko azido koipetsuen determinazioa.

2014/11/03 – 2014/11/21

*(Kimika Organikoa I Saila)*

Yurre Olaizola Alvarez  
Descartes Unibertsitatea, Paris  
2014/02/01 – 2014/04/01

Zaira Monasterio Peiteado  
Imperial College, London  
2014/05/29 – 2014/08/25

Bela Fiser (Becario Mary Curie)  
Florenzia  
Iraila-Azaroa 2014

### **3.11. Ikertzaile bisitariak**

*(Polimeroen Zientzia eta Teknologia Saila)*

Tomasz Osmalek  
Poznan University of Medical Sciences, Polonia  
Aste 1

Debbah Ismahane  
Université Setif, Setif, Argelia  
4 aste

Samra Isadounene  
Université Abderrahmane Mira, Bejaia, Argelia  
2 aste

### **3.12. Hizlariak**

*(Polimeroen Zientzia eta Teknologia Saila)*

Wilko Verbeeten  
Predicting short- and long-term mechanical properties of polymers and their relation to processing  
2014ko Abenduak 2

*(Kimika Aplikatua Saila)*

Dr. Vijayarishna Kari  
VIT University, Vellore, Tamilnadu, India  
Mintegia "Non-metallocene Catalysts for Olefin Polymerization: Mechanical and Stereo-selective Studies & RAFT Synthesized Ionic-Responsive Block Copolymers and Their Self Assembling"  
2014/02/17

Dr. Laurent Rubatat  
Université de Pau et des Pays de l'Adour, Pau, Francia

Mintegia "Correlation between the multi-length scale morphology of polymeric materials and their properties"  
2014/03/24

Dr. Roque Hidalgo-Alvarez  
Universidad de Granada  
Mintegia "Surface activity of Janus particles at liquid interfaces"  
2014/06/20

Dr. Uwe Pischel  
University of Huelva  
Mintegia "Smart Molecules: Design and Applications in Small-Scale Information Processing"  
2014/10/06

Dr. Miguel García Iglesias  
Eindhoven University of Technology, Eindhoven, Holanda  
Mintegia "Self-assembled functional materials"  
2014/11/10

### 3.13. Beste ekintzak

*(Polimeroen Zientzia eta Teknologia Saila)*

Ekintza: "Polimeroen Karakterizazioa" Zerbitzu Orokorreko Zientzia Ahokularia  
A. Etxeberria  
Iraupena: Ekaina 2005 - Abendua 2014

Ekintza: POLYMAT Institutoko Idazkaria  
L. Irusta  
Iraupena: Ekaina 1999 - Abuztua 2013

Ekintza: POLYMAT Institutoko Idazkaria  
L. Irusta  
Iraupena: Iraila 2013 – Abendua 2014

Thomas Schäfer 2012-etik "European Membrane Society Board"eko kide.

*(Kimika Aplikatua Saila)*

"Euskadiko Nanozientzia eta Nanoteknologiaako Zientzia Bazardeko" kide  
J.R. Leiza

EUSKAMPUS fundazioa-ko Materialen Polo-ko sortzaileen taldeko kide.  
J.R. Leiza

Macromolecular Reaction Engineering

Batzorde Editorialeko kide  
J.M. Asua

Macromolecular Materials and Engineering  
Batzorde Editorialeko kide  
J.M. Asua

Chemical Engineering Journal  
Batzorde Editorialeko kide  
J.M. Asua

International Journal of Polymer Science  
Batzorde Editorialeko kide  
J.R. Leiza

Macromolecular Reaction Engineering  
Batzorde Editorialeko kide  
J.R. Leiza

*(Kimika Organikoa I Saila)*

“Real Sociedad Española de Química”ko “Química Orgánica” Taldeko Lehendakariordea  
2012  
C. Palomo

### 3.14. Hedabideetan agerraldiak

*(Kimika Aplikatua Saila)*

Hamaika Telebistan egindako elkarrizketa (2014/02/24), 2012-13 kanpainan lortutako barietate bakarreko sagardoei buruz.

Iñaki Berregi, Andoni Zuriarrain, Juan Zuriarrain

Artikuluak Noticias de Gipuzkoa, Diario Vasco eta Gara egunkarietan, Fraisoroko (Zizurkil, Gipuzkoa) ingurumen eta nekazaritza laborategian emandako "Sagar mota eta polifenolen eragina Euskal Herriko sagardoaren ezaugarrietan: 2012-2013 kanpainako sagardoak" izeneko hitzaldiaren inguruan.

Iñaki Berregi, Andoni Zuriarrain, Juan Zuriarrain

Artikuluak Noticias de Gipuzkoa eta Diario Vasco egunkarietan eta Euskal Telebistako Teleberri eta Gaur Egun albistegietan egindako aipuak (2014/09/07), Donostiako Sagardo Egunean sagardo monobarietalen inguruan egindako aurkezpenaz.

Iñaki Berregi, Andoni Zuriarrain, Juan Zuriarrain

Ekosfera programako elkarrizketa (Euskadi Irratia, EITB), Jokin Aldazabal-ek egina. (10/11/2014).

"La tarde en Euskadi con Lucia Egurbide" programako elkarrizketa (Onda Vasca).

### DIBULGAZIOA

Juan Zuriarrain, Iñaki Berregi, Andoni Zuriarrain

Hitzaldia "Sagar mota eta polifenolen eragina Euskal Herriko sagardoaren ezaugarrietan: 2012-2013 kanpainako sagardoak izeneko hitzaldia. Fraisoroko (Zizurkil, Gipuzkoa) ingurumen eta nekazaritza laborategian emana, sagardogile eta enologoaren aurrean.

2014/04/17.

Juan Zuriarrain, Iñaki Berregi, Andoni Zuriarrain

Barietate bakarreko sagardoak, Donostiako Sagardo Egunean guk 2013-14 kanpainan lortutako sagardoaren inguruan egindako aurkezpena.

2014/09/06

J.M. Asua, M.J. Barandiaran, J.R. Leiza, M. Paulis

Prestakuntza ikastaroa: Course on Emulsion Polymerization Processes

2014/09/08 – 2014/09/12

Uda Ikastaroak – Summer Course organized by two Marie Curie European Initial Training Networks REFINE ([www.fp7-refine.eu](http://www.fp7-refine.eu)) and RENAISSANCE ([www.renaissance-itn.eu](http://www.renaissance-itn.eu)) in collaboration with POLYMAT-Basque Center for Macromolecular Design and Engineering ([www.polymat.eu](http://www.polymat.eu)). Donostia-San Sebastian.

D. Mecerreyes

"Polymers for a Sustainable World", 1st SUSPOL Summer School

2014/06/24 – 2014/06/27



J.R. Leiza

"Polymerization in water media: Waterborne hybrid nanocomposite dispersions for sustainable applications"

2014/06/24 – 2014/06/27

"Red Temática Bal"en 8. bilera. Enpresei zuzendutako jardunaldia. Bakteria laktikoen eragina gizakion osasunean eta jakien kalitatean.

### 3.15. Ekipamendu zientifikoa eskuratzea

*(Polimeroen Zientzia eta Teknologia Saila)*

Sensibilitate handiko potentzia konpentsazio DSC

Kostua: 67.387,42 €

Erakunde Laguntzailea: Ikerkuntza Erretoreordetza (UPV/EHU) eta Ministerio de Economía y Competitividad

*(Kimika Aplikatua Saila)*

UM-ikuskorreko izpi bikoitzeko Espektrofotometroa T92+ (PG Instruments)

Kostua: 10800€

Erakunde Laguntzailea: UPV/EHU

Mikrobalantza analitikoa

Kostua: 20.222,73

Erakunde Laguntzailea: UPV/EHU

"Spin Coater" zentrifugaziozko estaldura ekipoa.

Kostua: 3.838,26 €

Erakunde Laguntzailea: Proyecto MINECO CTQ2011-25572

OCArako oinarri biratzailea

Kostua: 6.985,00 €

Erakunde Laguntzailea: Kanpoko hitzarmena.

### 3.16. Enpresa Lankideak

*(Polimeroen Zientzia eta Teknologia Saila)*

AIMPLAS	PATERNA (VALENCIA)
AITEX	ALCOY (ALICANTE)
AMCOR	LEZO (GIPUZKOA)
BARPIMO	NAJERA (LA RIOJA)
BETAPACK	IRUN (GIPUZKOA)
BILBOPLASTIK	MUNGIA (BIZKAIA)
BIOMENDI	BERNEDO (ARABA)
BRILEN	BARBASTRO (HUESCA)
CAF	BEASAIN (GIPUZKOA)
CEIT	DONOSTIA
CEMITEC	IRUÑA
CIDEMCO	AZPEITIA (GIPUZKOA)
CIE ORBELAN	ANDOAIN (GIPUZKOA)
DTS OABE	OROZCO (BIZKAIA)
ERCROS	MONZÓN (HUESCA)
GAIKER	ZAMUDIO (BIZKAIA)
GAMESA	IRUÑA
GIKESA	DONOSTIA
EUSKO JAURLARITZA	DEPARTAMENTO URBANISMO
GOMAVIAL S. L.	DONOSTIA
GRAINPLAST	BARCELONA
HISTOCELL	DERIO (BIZKAIA)
KUPSA	LOGROÑO
LEARTIKER	MARKINA (BIZKAIA)
LINPAC PACKAGING	PRAVIA (ASTURIAS)
MAIER	GERNIKA (BIZKAIA)
MOMENTIVE	LANTARON (ARABA-ÁLAVA)
MUNKSJO PAPER DECOR	TOLOSA (GIPUZKOA)
NOVAPET	BARBASTRO (HUESCA)
NUREL	ZARAGOZA
OIARSO	HERNANI (GIPUZKOA)
ORBELAN	ANDOAIN (GIPUZKOA)
ORIBAY	DONOSTIA
PRAXAIR	HERNANI (GIPUZKOA)
REFRACTARIOS KELSEN	ADUNA (GIPUZKOA)
REPSOL	MADRID
SABIC INNOVATIVE PLASTICS ESP.	CARTAGENA (MURCIA)
SAINT GOBAIN	BURGOS
TECNALIA	DONOSTIA
TEKNIKER	EIBAR (GIPUZKOA)
TUBOPLAST	GASTEIZ

*(Kimika Aplikatua Saila)*

Gipuzkoako Sagardo Naturalaren Elkartea

Calcinor S.A.  
Momentive Specialty Chemicals Iberica, S.A.: Servicios de microanálisis elemental

### 3.17. Sariak

Angel Rubio, ikerkuntzaren arloko "Jaime I" saria. (2014/06/03).

Pedro Miguel Etxenike, Madrileko Unibertsitate Konplutentseko *Honoris Causa* doktorea.  
(2013/11/07)

Kimikako Graduko ezohiko saria gure ikastegiko ikasleei:

Odei Mugica Diez anderea.

Jesus Álvaro Iregui Gómez jauna.

#### 4. BALIABIDE EKONOMIKOAK (Administrazioa)

#### LAGUNTZA EKONOMIKOAK 2014

### **Dirulaguntzak-Subvenciones Económicas 2014**

<i>CONCESION DE MOBILIARIO</i>	<i>IMPORTE</i>
<i>Administración</i>	<i>3.261,10</i>
<i>Química Aplicada</i>	<i>2.418,91</i>
<b>TOTAL .....</b>	<b>5.680,01</b>

<i>EQUIPAMIENTO LABORATORIOS DOCENTES</i>	<i>IMPORTE</i>
<i>Convocatoria ordinaria</i>	<i>53.122,41</i>
<b>TOTAL .....</b>	<b>53.122,41</b>

<i>AYUDAS ACTIVIDADES UNIVERSITARIAS</i>	<i>IMPORTE</i>
<i>Entrega de Diplomas</i>	<i>1.250,00</i>
<b>TOTAL .....</b>	<b>1.250,00</b>

<i>REFORMAS Y MEJORAS</i>	<i>IMPORTE</i>
<i>Reparaciones en la cubierta</i>	<i>8.772,50</i>
<i>Instalación fondo chapa en ascensor</i>	<i>955,30</i>
<i>Sistema modular acero galvanizado en Seminario Qca. Inorgánica</i>	<i>3.700,11</i>
<i>Reformas de Fontanería</i>	<i>16.044,70</i>
<i>Sensores de movimiento en baños 1ª y 2ª planta</i>	<i>3.391,28</i>
<i>Retenedores puertas baños 1ª y 2ª planta</i>	<i>1.270,50</i>
<i>Luminarias pasillos con fases saltadas</i>	<i>9.331,01</i>
<i>Sustitución mesa mural e instalaciones en Laboratorio Qca. Analítica</i>	<i>11.620,19</i>
<i>Reforma local compresor antiguo</i>	<i>1.028,50</i>
<i>Renovación luces Emergencias 1ª y 2ª planta</i>	<i>3.496,90</i>
<b>TOTAL .....</b>	<b>59.810,99</b>

<b>TOTAL SUBVENCIONES ECONOMICAS DEL VICERRECTORADO</b>	<b>119.863,41</b>
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## 5. BESTELAKO JARDUERAK

### 5.1. Ate Irekiak

Orotara 55 partaide; beraien asebetetze maila (10ekiko) 8,1.

### 5.2. Batxilergoko Praktiak

Otsailaren 20 eta Martxoaren 7 bitartean burutuak.

Guztira 381 ikasleek parte hartu dute, 32 ikastetxeetatik etorriak.

Asebetetze maila 8,72.

### 5.3. Mugikortasun Programak

Parte hartu duten ikasleak:

Erasmus..... 10

AL..... 2

OD..... 3

TASSEP..... 1

SICUE..... 0

Hartutako atzerriko ikasleak:

Erasmus..... 1

AL..... 0

OD..... 1

TASSEP..... 1

SICUE..... 0

### 5.4. Zientziaren hedapena eta unibertsitaterako aholkularitza.

24 dibulgazio ekintza/hitzaldi egin dira bigarren mailako ikastetxeetan, Fakultateko 13 irakasleek parte hartu dutelarik.

Zientziaren Astearen baitan antolatu diren ekintzetan Kimika Zientzien Fakultateak bi standetan parte hartu du. Lehenengoan esperimendu zientifiko programatuak egin dira eta, bestean, zientziaren jakintzari buruzko lehiaketa bat egin da, 3. zikloko 10-15 ikasleek parte hartuta.

### 5.5. Kanpoko Praktiak

Curriculuz-kanpoko praktikak enpresa zein erakundeetan:

Eskeintzak..... 33

Burutuak..... 22