

## Course "From biomass to Bioproducts"

Name: \_\_\_\_\_

Family name: \_\_\_\_\_

Institution: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ Country: \_\_\_\_\_

E-mail: \_\_\_\_\_

Phone No.: \_\_\_\_\_

PhD Student:

ICOME participant:

Others:

### Registration and Payment contact:

[biorefineriasostenibles@gmail.com](mailto:biorefineriasostenibles@gmail.com)

**Location:** School of Engineering of Gipuzkoa  
Plaza Europa 1, San Sebastián, Spain



### Presentation

Lignocellulosic biomass is an alternative, promising, renewable and vast resource for the production of biofuels, chemicals and polymers. The efficiency and sustainability of their use must be forecasted with the aim to reduce and valorise these feedstocks.

The change toward a bioeconomy involves the replacement of fossil by biomass resources which allow the production of commodities within the framework of a sustainable development. In this context, bioproducts are expected to grow significantly in the coming years and increase their share of the global production.

This course is aimed at professionals and post-graduate students, and its main objective is present the latest development in the field of conversion of lignocellulosic biomass to platform chemicals, fuel and polymers using sustainable biorefinery processes.

The speakers of the course have extensive and recognized experience in the field of biomass revalorization.

**Dr. Jalel Labidi**

Manager of the Course

University of the Basque Country, Spain



## COURSE

# FROM BIOMASS TO BIOPRODUCTS

**April 30<sup>th</sup>, 2018**

University of the Basque Country  
School of Engineering of Gipuzkoa  
San Sebastián, Spain

*Organized by*

**Spanish Excellence Network on Sustainable Biorefinery**

[www.sustainablebiorefineries.com](http://www.sustainablebiorefineries.com)

*in collaboration with*

University of Pau and Pays of Adour  
&  
PhD Program of Renewable Materials  
Engineering, UPV/EHU

**April 30<sup>th</sup> 2018**

**08:15 Registration**

**09:00** Welcome session and Presentation of the Network. Jalel Labidi (University of the Basque Country)

**09:15** *“Biorrefinería basada en el olivar y el aceite de oliva”*. Eulogio Castro (Universidad de Jaen)

**10:00** *“Producción de compuestos plataforma dentro de un esquema de biorrefinería”*. Valentin Santos (Universidad de Vigo)

**10:45 Coffee break**

**11:00** *“Ionic liquids for biomass processing”*. Victoria Rigual (Universidad Complutense de Madrid)

**11:45** *“Upgrading of bioethanol to high value bioproducts: n-butanol and butadiene. Process development”*. Fernando Vidal (Universidad de Sevilla)

**12:30** *“Catalytic processes in the biorefinery context for the production of hydrogen as promising and sustainable energetic alternative”*. Antonio Chica Instituto de Tecnología Química (CSIC-Universidad Politécnica de Valencia)

**13:15 Break for lunch**

**14:45** *“Lignin extraction and depolymerisation”*. Xabier Erdocia (University of the Basque Country)

**15:30** *“Environmentally-friendly bioadhesives from renewable resources”*. Telmo Lú-Chau (Universidad de Santiago)

**16:15** *“Latest advances in the wood and wood composites treatment”*. Bertrand Charrier (Université de Pau et Pays d’Adour)

**17:00 Coffee break**

**17:15** *“Development of Biobased resins from wood biomass”*. Fatima Charrier - El Bouhtoury (Université de Pau et Pays d’Adour)

**18:00** *“Climate Impacts of Biorefineries”*. Pedro García Haro (Universidad de Sevilla)

**18:45** Closing remarks

**19:00** Visit to the laboratories (optional)



**Number of places:** 60

**Registration fee**

*Registration should be done before 15/04/2018*

Phd Students\*: 50 €

Others: 75 €

ICOME 18 participants: Free for the first 20 participants from ICOME 18

\*Free for PhD student of the Doctoral program on Renewable Materials Engineering

Course fee includes: teaching materials, certificate and coffee-breaks.

**Languages**

The Course will be conducted in **Spanish and English**. Simultaneous translation is not foreseen.

**Organizing Committee**

Dr. Jalel Labidi UPV/EHU

Dr. Fatima Charrier- El Bouhtoury UPPA

Dr. Patricia Gullón UPV/EHU