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

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

April 30th, 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

in collaboration with

University of Pau and Pays of Adour
PhD Program of Renewable Materials Engineering, UPV/EHU
April 30th, 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 Jaén)

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/EOHU

Dr. Fatima Charrier- El Bouhtoury
UPPA

Dr. Patricia Gullón
UPV/EOHU