



Sociedad Iberoamericana para el Desarrollo de las Biorrefinerías
Sociedade Ibero-Americana para o Desenvolvimento das Biorrefinarias
Iberoamerican Society for the Development of Biorefineries

SIADDEB Advanced Course

“The Biorefinery as a multi-platform for Energy and Bioproducts”

Final Programm



October 22-23, 2018

Universidad de Jaén

Jaén, Spain

“The Biorefinery as a multi-platform for Energy and Biomaterials”

Course introduction

The Iberoamerican Society for the Development of Biorefineries, in collaboration with Universidad de Jaén, will organize the **4th Advanced Course on Biorefineries**.

This advanced course is aimed at professionals and post-graduate students, and its main objective is to explore the development level achieved in the main biorefinery platforms as well as the possible integration among them.

The speakers have extensive experience in both research and industrial applications and development of biorefineries.

Program

22/10/2018: Day 1

9:00	Registration
9:15	<i>Welcome address</i> <i>Universidad de Jaén Research Representative</i> <i>Eulogio Castro – Universidad de Jaén (Spain)</i>
9:30	Biomass: An anatomic and chemical perspective <i>Ana Lourenço – CEF (Portugal)</i>
9:50	Chemical analysis of biomass feedstocks and products <i>Patrícia Moniz – CEBAL / LNEG (Portugal)</i>
10:15	Biomass pretreatment and fractionation <i>Florabela Carneiro - LNEG (Portugal)</i>
11:00	Coffee-break
11:30	Biochemical transformation of biomass <i>Alfredo Martínez - UNAM (Mexico)</i>
12:15	Chemical based processes <i>Antonio Chica - ITQ Valencia (Spain)</i>
13:00	Lunch
14:00	Bioproducts from lignin <i>Davinia Salvachúa – NREL (USA)</i>
14:45	Techno-economic analysis of biorefineries <i>Jalel Labidi, - Univ. País Vasco (Spain)</i>
15:30	Energy integration in biorefineries <i>Carlos A. Cardona - UNAL (Colombia)</i>
16:15	Coffee-break
16:45	“Hands on” experience: Commercial software for techno-economic analysis of biorefineries <i>Jhonny Poveda/Carlos A. Cardona - UNAL (Colombia)</i>
	Computer classroom.
18:45	End of works

23/10/2018: Day 2-

9:00	<i>Pulp and Paper industries as biorefineries</i> <i>Pedro Calvo, ENCE (Spain)</i>
9:45	A biorefinery for the olive orchard <i>Encarnación Ruiz – Univ. Jaén (Spain)</i>
10:20	Algal biomass for and in biorefineries <i>Alberto Reis - LNEG, Portugal</i>
11:05	Coffee-break
11:40	Techno-economic and sustainability assessment of small-scale biorefineries: a case study <i>Tiago Lopes - LNEG, Portugal</i>
12:15	Why is Bioeconomy so relevant? <i>Mercedes Ballesteros – CIEMAT (Spain)</i>
13:00	Lunch
14:00	Multi-objective optimization of biorefineries <i>Laureano Jiménez-Esteller - Univ. Rovira i Virgili (Spain)</i>
14:45	Fundamentals of Environmental assessment in biorefineries <i>Lucía Lijó – Univ. Santiago de Compostela (Spain)</i>
15:30	Life Cycle Assessment (LCA) as a tool for biorefinery design <i>John Posada-Duque, Delft University of Technology (The Netherlands)</i>
16:15	Coffee-break
16:30	“Hands on” experience: Environmental analysis of biorefineries (SIMAPRO) <i>Lucía Lijó/Isabel Noya - Univ. Santiago de Compostela (Spain)</i> Computer classroom
18:30	Closing session
18:45	End of works

More information

Languages

Training course will be conducted in **English**. Simultaneous translation it is not foreseen.

Course Fee

Before 30/6/2018	After 30/6/2018
Students: 100	Students: 150
Others: 200 €	Others: 250 €

Special prices for 4-CIAB + Course participants

Grants

Some grants (course fee) will be also available for SIADEB members. Please send a Letter of Intent and a CV to contact@siadeb.org before 12/10/2018. Graduated students who have submitted a work for the 4CIAB will be preferred.

Organizing committee

Dr. Eulogio Castro – Universidad Jaén, Spain

Dr. Florbela Carvalheiro – LNEG, Portugal

Dr. Cristobal Cara Corpas – U Jaén, Spain

Dr. Francisco Gírio – LNEG, Portugal

Dr. Luís C. Duarte – LNEG, Portugal

Dr. Encarnación Ruiz - U Jaén, Spain



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<http://www.siadeb.org/es/unirse/ficha-de-inscripcion-es>

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