



6ª Jornadas Red CASI

Palma (Mallorca) del 6 al 7 de octubre de 2016

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[Programa](#)

Programme

Thursday, October 6, 2016

12:00-12:15h Apertura 6ª Jornadas de la Red de Catálisis Asimétrica

Chairperson: Dr. Jaume Carot Giner

Ilmo. Sr. Vicerrector de Investigación y Postgrado de la UIB

Session 1: "Almirall" Keynote Lecture

Chairperson: Lluís Pagés Santacana (Almirall, Barcelona)

12:15-13:15	"Mass Spectrometry as a Screening and Mechanistic Tool in Asymmetric Catalysis" Andreas Pfaltz (U. Basel, Switzerland)
13:15-13:30	Discussion
13:30-14:30	Lunch (CaixaForum Assembly Hall)

Session 2: "Enzyme and Enzyme-like Catalysis"

Chairperson: Juan Carlos Carretero (UAM, Madrid)

14:45-15:15	"Artificial Metalloenzymes in Asymmetric Catalysis: Computational Challenges" Agustí Lledos (U.A. de Barcelona)
15:15-15:30	Discussion
15:30-16:00	"Sequential Chemoenzymatic and Multienzymatic Strategies for the Stereoselective Synthesis of Organic Compounds" Vicente Gotor-Fernández (U. Oviedo)
16:00-16:15	Discussion
16:15-16:45	"Enzyme-like catalysis by Networks of Cooperative Hydrogen Bonds" Victor J. Lillo (U. Islas Baleares)
16:45-17:00	Discussion
17:00-17:30	Coffee Break (CaixaForum Assembly Hall)

Session 3: "Enzyme and Enzyme-like Catalysis"

Chairperson: José R. Pedro (UV, Valencia)

17:30-18:00	"New Organocatalytic Systems for Reactions in Aqueous Media" Albert Moyano (U. de Barcelona)
18:00-18:15	Discussion
18:15-18:45	"Asymmetric Oxidations with Biologically Inspired Iron Catalysts" Miquel Costas (U. de Girona)
18:45-19:00	Discussion
20:30	Bus leaves to Restaurant
21:00-23:30	CASI's Dinner (Bahía-Mediterráneo Rte)
ca. 23:30	Bus leaves to Hotels

Friday, October 7, 2016

Session 4: "Organocatalysis"

Chairperson: Claudio Palomo (UPV/EHU, San Sebastián)

8:30-9:30	"Organocatalysis: The Third Pillar in Asymmetric Catalysis" Karl Anker Jorgensen (U. Aarhus, DK)
09:30-10:15	Discussion
9:45-10:15	"Rationalizing the Catalytic Activity of Pyrrolidine-Squaramide Organocatalysts" Pedro Merino (U. Zaragoza)
10:15-10:30	Discussion
10:30-11:00	Coffee break (CaixaForum Assembly Hall)

Session 5: "Organocatalysis"

Chairperson: Daniel Carmona (UNIZAR, Zaragoza)

11:00-11:30	"Enantioselective Photo-Organocatalysis. Making Chiral Molecules with Light" Paolo Melchiorre (ICIQ)
11:30-11:45	Discussion
11:45-12:15	"Organocatalytic Enantioselective Nucleophilic Additions to Isatin-derived Ketimines" Carlos Vila (UV)
12:15-12:30	Discussion
12:30-13:00	"Theoretically-Guided Optimization of New Ligand Catalysts" M. Dieguez (URV)
13:00-13:15	Discussion
13:15-13:45	"Development and Application of Chiral Polyvalent Iodine (III) Reagents for Asymmetric Intermolecular Reaction Control" Killian Muñoz (ICIQ)
13:45-14:00	Discussion
14:00-15:15	Lunch (CaixaForum Assembly Hall)

Session 6: "Organocatalysis & Metal Catalysis"Chairperson: José M^a Lassaletta (IIQ, Sevilla)

15:30-16:00	"Synthesis of Versatile Synthetic Intermediates through Copper-Catalyzed Borylations" Mariola Tortosa (U. Autónoma de Madrid)
16:00-16:15	Discussion
16:15-16:45	"Organocatalytic B-B and B-Interelement Addition" M ^a Elena Fernandez (URV)
16:45-17:00	Discussion
17:00-17:30	Coffee break (CaixaForum Assembly Hall)

Session 7: "Catalysis"

Chairperson: Rosario Fernández (U. Sevilla)

17:30-18:00	"Strategies for C-H Functionalization" Nuria Rodriguez (UAM)
18:00-18:15	Discussion
18:15-18:45	"Cationic Ligands: Synthesis and Applications" Manuel Alcarazo (U. Göttingen, DE)
18:45-19:00	Discussion
19:00	Asamblea Red CASI: Planes de futuro Clausura



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