

The School's activities will be take place at the Chemistry Faculty in the University of Castilla La Mancha (Ciudad Real , Spain) and they will be targeted to postdoctoral students, postdoctoral researchers and last year students for Chemistry, Chemistry Engineering and Pharmacy Degrees.

The number of places offered to external students, apart from ORFEO CONSOLIDER TEAM, is limited. Applications to demand participation must be sent by e-mail before 15 may 2008. In case of selection, it will be indicated the process for registration.

The entry fee for external students is 75 € (material, complementary activities and dinner 2nd july are included).



Director:

Prof. Ernesto Carmona Guzman

Organizer Committee;

**Prof. Antonio Otero Montero.
Prof. Antonio Antiñolo García
Prof. Margarita Paneque Sosa**

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The attendance has a validity of 2 credits for the University of Castilla La Mancha Degrees



I SCHOOL ORGANOMETALLIC CHEMISTRY

Marcial Moreno Mañas

Director: Prof Ernesto Carmona

University Sevilla-CSIC (Spain)

**CONSOLIDER TEAM
CONSOLIDER-INGENIO 2010
PROJECT ORFEO-CSD2007-00006**

1-3 july 2008

Location:

**University Castilla-la Mancha
Chemistry Faculty
Ciudad Real (Spain)**



PROGRAMA
**ingenio
2010**



I SCHOOL ORGANOMETALLIC CHEMISTRY

Marcial Moreno Mañas

The Organometallic Chemistry School is a training activity from Consolider Ingenio 2010 ORFEO Team, Project Reference CSD2007-00006, *Development of organometallic moieties for the selective functionalization of organic molecules*, that it will be take place on 1, 2 y 3 July 2008 at the Chemistry Faculty in the University of Castilla La Mancha (Ciudad Real, Spain).



Training Programme:

The academic activities to be developed during the I School of Organometallic Chemistry, will consist on seven lectures which will cover theoretical, experimental and applied aspects of the organometallic Chemistry.

List of Lectures:

Prof. Bas de Bruin

Stereoselective methods in olefin oxidation, olefin cyclopropanation and carbene polymerization.

Universiteit van Amsterdam, van't Hoff Institute for Molecular Sciences, Amsterdam. The Netherlands.

Prof. Eric Clot

Selectivity in C-H activation: from simple MO description to DFT computed reaction mechanisms.

Institut Charles Gerhardt, CNRS, Université Montpellier, Montpellier. France

Prof. Rosario Fernández

Hydrazones and N-heterocycles Carbenes in asymmetric synthesis

Departamento de Química Orgánica, Facultad de Química, Universidad de Sevilla. España.

Dr. José Alfredo Martín

Research in Medical Chemistry at Lilly: from the generation to the hypothesis to the concept 's test in humans.

Eli Lilly & Co., Madrid. España.

Prof. Carlos Romao

Therapy with Carbon Monoxide: an Opportunity for Bioorganometallic Chemistry

Alfama, Investigação e Desenvolvimento de Produtos Farmacêuticos, Taguspark, Porto Salvo and Instituto de Tecnologia Química e Biológica da Universidade Nova de Lisboa, Oeiras, Portugal.

Prof. Sylviane Sabo-Etienne

σ -Ruthenium Complexes and Catalytic Applications

Laboratoire de Chimie de Coordination, CNRS, Toulouse. France.

Prof. Jordi Marquet

The third role of the University: transfer of knowledge and technology to the society: challenges, opportunities and instruments.

Universidad Autónoma de Barcelona. España.

