

Summer School

SEVILLA

ecat'13

SECAT'13
24th – 25th of June

Structured Catalysts and Reactors



Summer School



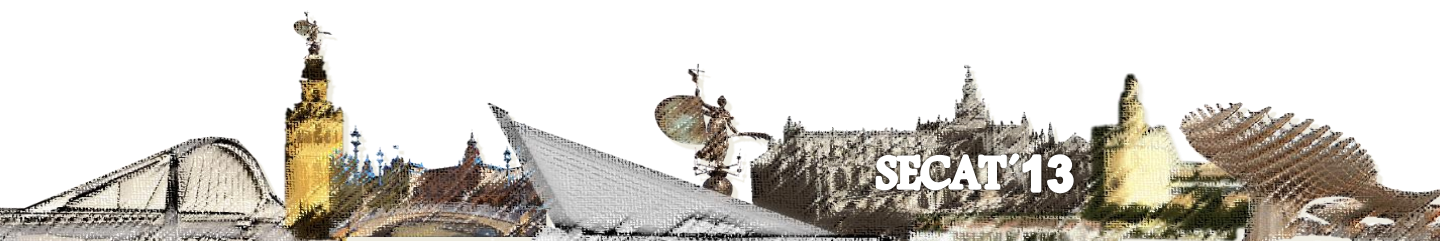
Organizers:

Prof. José Antonio Odriozola Gordon

Dr. Maribel Domínguez Leal

Professors

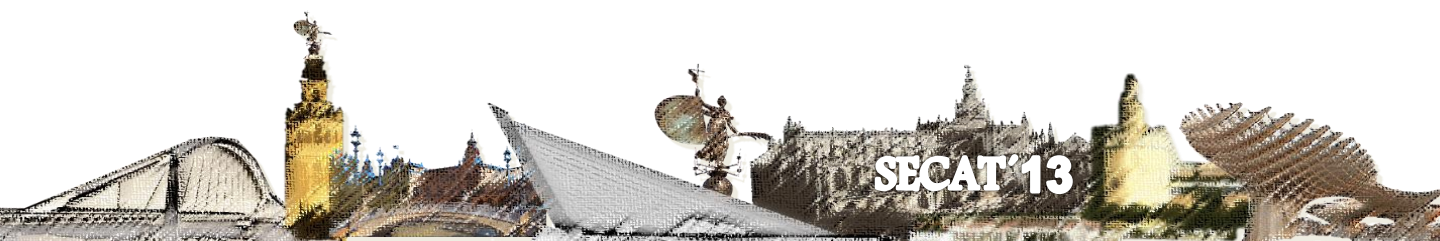
- Prof. Enrique Iglesia (Berkeley Catalysis Center, USA)
- Prof. Xenophon E. Verykios (University of Patras, Greece)
- Prof. Enrico Tronconi (Polytechnic University of Milan, Italy)
- Prof. Vasile I. Parvulescu (University of Bucharest, Romania)
- Prof. Antonio Monzón (University of Zaragoza, Spain)
- Prof. Mario Montes (University of Basque Country, Spain)
- Prof. Luis Gandía (Public University of Navarra, Spain)
- Prof. Pedro Ávila (Institute of Catalysis and Petrochemistry, Madrid, Spain)
- Prof. Stefania Specchia (Polytechnic University of Turin, Italy)
- Dr. Simón Yunes (Micromeritics, USA)



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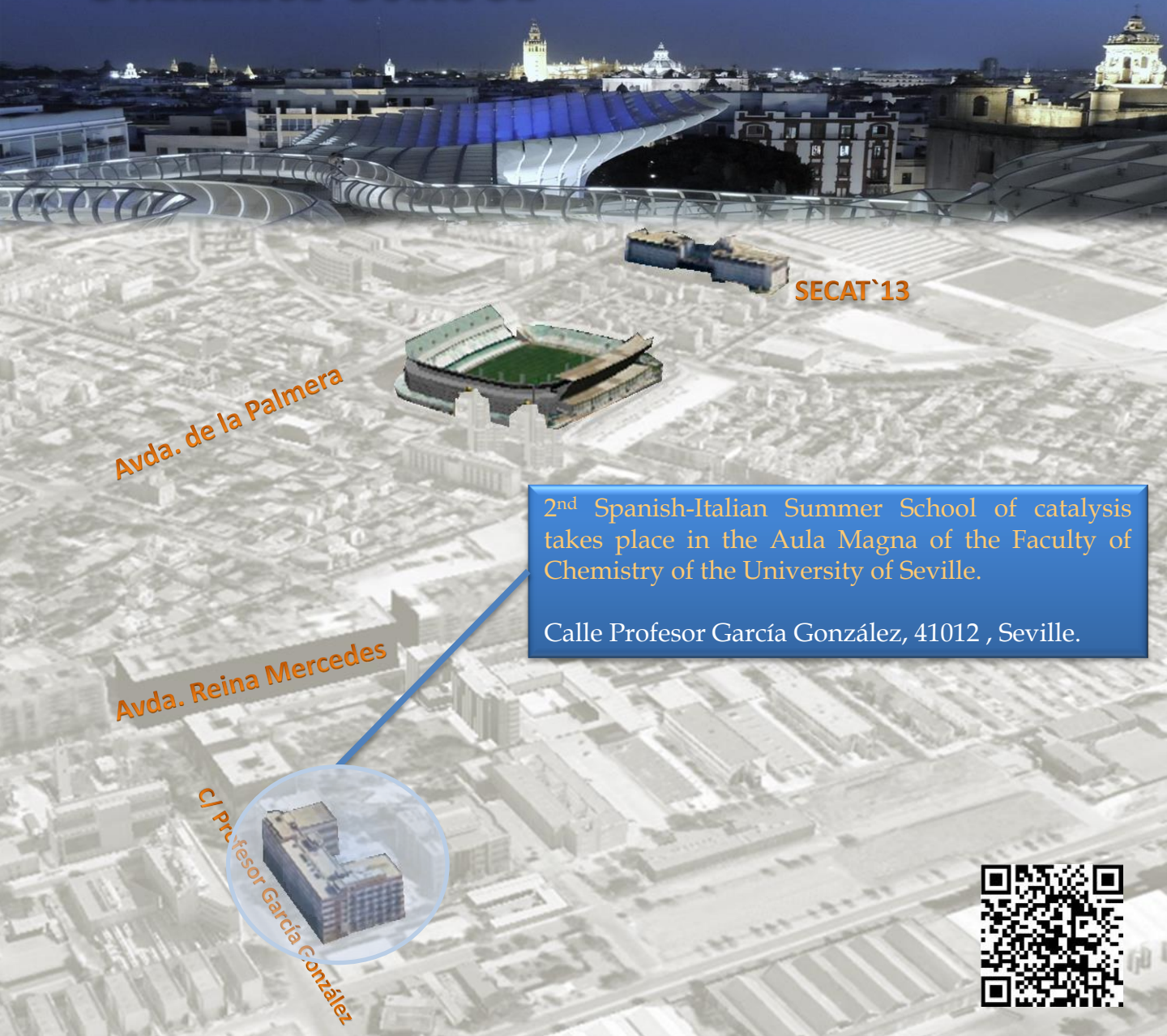


	Monday, June 24th	Tuesday, June 25th
8:15 – 8:30	Opening J.A. Odriozola	
8:30 – 10:00	Structured catalytic systems. Fundamentals and preparative strategies. M. Montes	Catalytic consequences of size: clusters and voids. E. Iglesia
10:00 – 10:30	Coffee Break	Coffee Break
10:30 – 12:00	Assessing the transport properties of microstructured catalysts. E. Tronconi	Structured ceramic catalysts. Preparation and environmental applications. P. Avila
12:00 – 13:30	Advanced kinetic modeling: Study cases. A. Monzón	Conversion of biomass components and derivatives to hydrogen. X. Verykios
13:30 – 15:30	Lunch	Lunch
15:30 – 17:00	Microstructured catalytic reactors for process intensification. S. Specchia	Particle size-controlled methodologies for the synthesis of supported metal and oxide nanoparticles. V. Parvulescu
17:00 – 17:30	Coffee Break	Coffee Break
17:30 – 19:00	Modelling and simulation of catalytic structured reactors by means of Computational Fluid Dynamics (CFD). L.M. Gandía	Volumetric techniques for the characterization of catalysts. S. Yunes



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Avda. de la Palmera

2nd Spanish-Italian Summer School of catalysis takes place in the Aula Magna of the Faculty of Chemistry of the University of Seville.

Calle Profesor García González, 41012 , Seville.

Avda. Reina Mercedes

C/ Profesor García González



Summer School prices

SECAT Members 60 €

Non Members: 150 €

The registration fee for the Summer School includes two meals and material.

Inscription and accommodation: <http://secat2013.ciccartuja.es/inscripcion/>

