



UNIVERSIDAD DE SEVILLA



University of Ioannina



Intensive Programmes (IP) Lifelong Learning Programme Erasmus

Advanced CAalysis and Organometallic Chemistry

2nd edition

Camerino 1 - 12 August 2010 Italy Palazzo Ducale

	1 August		5 August		9 August
	Welcome to participants (Fabio Marchetti, Claudio Pettinari)	10 - 13	Heterogeneous catalysis I - structural and chemical aspects (Francisco J. Maldonado Hodar T8)	10 - 13	Gaussian calculations of simple organometallic molecules: technical aspects (Agustin Galindo T16)
15 - 16	Presentation of the IP program and of the teaching activities (Fabio Marchetti)	15 - 18	Heterogeneous catalysis II - industrial heterogeneous catalysis (Carlos Henriques T9)		
16 - 19	Homogeneous catalysis (Armando Pombeiro T1)			10 - 13	10 August Gaussian calculations of simple organometallic molecules: technical aspects (Agustin Galindo T17)
	2 August	10 - 13	6 August		
10 - 13	C-H catalytic activation (Claudio Pettinari T2)		Catalysis by carbons - energetic and environmental applications (Francisco J. Maldonado Hodar T10)	10 - 13	11 August Spectroscopic techniques in heterogeneous catalysis I (Russell Howe T18)
15 - 18	Functionalization of alkanes (Armando Pombeiro T3)	15 - 18	Catalysis by zeolites (Carlos Henriques T11)	10 - 13	Spectroscopic techniques in heterogeneous catalysis II (Russell Howe T19)
	3 August	10 - 13	7 August	15 - 18	
10 - 13	Asymmetric catalysis (Philippe Kalck T4)		Experimental mechanistic studies of catalytic cycles (Rinaldo Poli T12)		12 August
15 - 18	Catalytic reactions in ionic liquids with metal complexes and nanoparticles (Anna Trzeciak T5)	15 - 18	Transition metals in polymerization: coordination polymerization and controlled radical polymerization (Rinaldo Poli T13)	10 - 13	Final test and concluding remarks (Fabio Marchetti, Claudio Pettinari T20)
	4 August	10 - 13	8 August		
10 - 13	The applications of coordination catalysis in industrial processes including fine chemistry (Philippe Kalck T6)	10 - 13	Green chemistry: alternative energy sources (microwaves, ultrasounds, sunlight/uv) assisting organometallic reactions (Rodica Dinica T14)		
15 - 18	Organometallic complexes as antitumor, antibacterial, antiviral and antimicrobial agents (Nick Hadjiladis T7)	15 - 18	Fundamentals of quantum chemistry applied to organometallic chemistry and catalysis (Rinaldo Poli T15)		

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