

Program of the NATO-ASI: 29 October – 10 November 2006

	Sun 29	Time	Mon 30	Tue 31	Wed 1	Thu 2	Fri 3	Sat 4	Sun 5	
		8:15	Breakfast	Breakfast	Breakfast	Breakfast	Breakfast	Breakfast		
AM	ARRIVALS	8:45	WELCOME	Rainer Busch (Dow Deutschland) Renewable Raw materials for the Chemical Industry	Kenneth Seddon (Queen's University of Belfast) Ionic Liquids: Basic Concepts	Rainer Busch (Dow Deutschland) Dow's Seamless Chemistry for Sustainability	Howard Alper (University of Ottawa) Green Catalysis at the Homogeneous/Heterogene ous Interface	Joan F. Brennecke (Notre Dame University) Supercritical CO <sub>2</sub> and ionic liquids: Complementary Solvents for Reactions and Separations	MOVE TO OTRANTO	
		10:45	David Black (IUPAC Secretary general, UNSW - Sydney) An introduction to Green Chemistry							
		11:00	Buxing Han (Chinese Academy of Sciences) Green Solvents: Properties and their Applications in Chemical Reactions and Material Processing.	Janet Scott (Unilever Home and Personal Care R&D) Principles of Green Chemistry	Kurt E. Geckeler (Gwangju Institute of Science & Technology) Water-Based Metal Remediation Processes.	Kenneth Seddon (Queen's University of Belfast) Ionic Liquids: Industrial Applications	Attilio Citterio (Politecnico di Milano) TBA			
		13:00								
		13:00	Lunch	Lunch	Lunch	Lunch	Lunch			
14:30										
PM			14:30	FREE	FREE	FREE	FREE	FREE		SOCIAL PROGRAM
			18:00							
			18:00	Pietro Tundo (INCA - University of Venice) Dimethylcarbonate: a green reagent.	POSTER SESSION 1	Angelo Albini (University of Pavia) Photochemistry as a green synthetic method.	POSTER SESSION 2	Aldo Taticchi (University of Perugia) High Pressure Activation of Organic Reactions. Application in Organic Synthesis		
		8 PM Welcome	20:00					Roberto Ballini (University of Camerino) One-Pot Synthesis of Fine Chemicals Promoted by Nitroalkanes		
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	Sun 5	Time	Mon 6	Tue 7	Wed 8	Thu 9	Fri 10	Sat 11	Sun 12	
		8:15	Breakfast	Breakfast	Breakfast	Breakfast	Breakfast	Breakfast		
AM	ARRIVALS	8:45	Janet Scott (Unilever Home and Personal Care R&D) From distillable ionic liquids to new greener reactions.	Wolfgang Hoelderich (RWTH - Aachen) Fine Chemical Transformation Using Heterogeneous Catalysis : on the Examples of Fragrances and Flavours.	Chieu D. Tran (Marquette University) Applications of room temperature ionic liquids in analytical spectroscopy and chemical separations.	Teodor Ast (University of Belgrade) GC-MS, LC-MS and MS-MS: Powerful tools in environmental research and control	Cinzia Chiappe (University of Pisa) Ionic Green Solvents from Renewable Resources			
		10:45								
		11:00	Claudio TROMBINI (Università di Bologna) Ionic liquids in catalysis	Wolfgang Hoelderich (RWTH - Aachen) New Heterogeneously Catalyzed Processes for Environmentally Benign and Sustainable Chemical Production.	Rajaender S. Varma (EPA Sustainable Technology Division) Greener Solvent-free Chemical Synthesis Using Mechanochemical Mixing and Microwave Irradiation.	Valery Lunin (Moscow State University) TBA	POSTER AWARDS and CLOSURE			
		13:00								
			13:00	Lunch	Lunch	Lunch		Lunch		
			14:30							
PM			14:30	FREE	FREE					
			18:00							
			18:00	Mohamed Tawfic (Suez Canal University) Life Cycle Assessment / Risk Assessment as tool box for Environmental Evaluation of Green Processing	Andrea Goti (University of Firenze) Hydrogen peroxide in green oxidation reactions: recent catalytic processes	FREE	David Black (IUPAC Secretary general, UNSW - Sydney) International Aspects of Green Chemistry from an IUPAC Perspective	FREE		
		8 PM Welcome dinner	20:00		Karol Grela (Polish Academy of Sciences) Green aspects of catalytic olefin metathesis—chances and challenges					
								DEPARTURES	DEPARTURES	