



INCA

PROGRAM

Fourth Summer School on Green Chemistry *Istituto Canossiano, Venice, 10-15 September 2001*

Sunday 9

20:00
Welcome dinner (Istituto Canossiano)

Monday 10

9:30
“Welcome address”
Pietro Tundo and Alvisè Perosa – Consorzio
INCA and Ca’ Foscari University, I

INTRODUCTION TO GREEN CHEMISTRY

10:00
“EU scientific training: conferences, courses,
opportunities, fellowships”
Edward Whitehead, European Commission

10:30 break

11:00
“Green Chemistry: Theory and Practice”
Mary Kirchhoff – The Green Chemistry Institute,
USA

12:00
“Sustainable Chemistry in Germany - The
Process of Definition of Activities”
Kurt Wagemann – Dechema, D

13:00 lunch

CATALYSIS

14:30
“Heterogeneous Catalysts for the
Environmentally Benign Production of Fine and
Intermediate Chemicals”
Wolfgang Hölderich – RWTH Aachen, D

16:00 break

16:30
“Zeolite catalysts and adsorbents for Cleaner
Technologies”
Michel Guisnet - Université de Poitiers, F

18:00 close

Tuesday 11

9:30
“Recent Advances in The Industrial Alkylation
of Aromatics: New Catalysts and New
Processes”
Giuseppe Bellussi – Enitecnologie, I

10:45 break

11:00
“New Catalysts for Alkene Epoxidation”
David Black - The University of New South
Wales, AUS

11:45 break

12:00
“Heterogeneous catalysis for clean technologies”
Ferruccio Trifirò – Università di Bologna, I

13:00 **group photo** + lunch

14:30
Poster session (Ist. Canossiano second floor)

16:30
Poster presentations

18:00 close

Wednesday 12

ALTERNATIVE SOLVENTS

9:30
“Supercritical CO₂ as a reaction medium for
chemical synthesis”
Walter Leitner – Max Planck Institut für
Kohlenforschung, D

11:00 break

11:30
“Organic Chemistry in Water”
Jan Engberts – University of Groningen, NL

13:00 lunch

14:30
“Environmentally Protective and Water-
Processable Polymers”
Kurt Geckeler - Kwangju Institute of Science and
Technology, KR

15:30 break

15:45
“Water and Soap as a Synthetic Tool”
Giorgio Cerichelli - Università dell'Aquila, I

16:45 break

17:00
“Ionic liquids”
Ken Seddon – Queen’s University of Belfast, UK

18:00 close

Thursday 13
BIOCATALYSIS

9:30
“Towards a chemical industry based (in part) on
biocatalytic processes”
Bernard Witholt – ETH Zurich, CH

11:00 break

11:30
“Utilization of enzymes in organic synthesis”
Torbjörn Norin - Royal Institute of Technology,
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13:00 lunch

14:30
boat trip (venetian lagoon)
20:00
social dinner (Sant'Erasmus island)

Friday 14
CHLORINATED POLLUTANTS

9 :30
“Chlorinated Dibenzodioxins and Furans
(PCDD/F) in the Ecosphere, Formation,
Distribution and Toxicology. Methods of
Environmental Protection”
Dieter Lenoir - Forschungszentrum für Umwelt
und Gesundheit, D

11:00 break

11:30
“Multiphase catalytic hydrodehalogenation of
halo-aromatics”
Alvise Perosa – Università Ca’ Foscari, I

12:00 break

12:15
“Search of alternative reaction conditions for the
elimination of PCBs in azo-colorant synthesis”
Carles Estevez – IUCT, ES

12 :45 lunch

*ALTERNATIVE REACTION CONDITIONS AND
REAGENTS*

14 :30

“Photoinitiated synthesis: a useful perspective in
green chemistry”
Angelo Albini – Università di Pavia, I

15:45 break

16:00
“Title to be defined”
M. Kidwai – Delhi University, IN

16:30 break

16:45
“Solvent-free microwave assisted organic
synthesis”
André Loupy - Institut de Chimie Moleculaire
d’Orsay, F

18 :00 close

Saturday 15

9 :30
“Dimethyl carbonate: a green reagent”
Pietro Tundo –Ca’ Foscari University, I

10:45 break

11:15
“The Variability of the MultiComponent
Reactions and their Isocyanides”
Ivar Ugi - Technische Universität München, D

12:15
Conclusions and Awards

13:00
Summer School ends