



Società Chimica Italiana
Divisione di Chimica Organica



Università degli Studi di Milano

XXXV "A. CORBELLA" SUMMER SCHOOL SEMINARS IN ORGANIC SYNTHESIS Gargnano (BS), Palazzo Feltrinelli, June 14-18, 2010

ORGANIZING COMMITTEE

G. Speranza, C. Giannini, A. Goti, P. Tecilla, P. Venturello, C. Villani

PROGRAMME OF LECTURES

IONIC INTERPLAY IN ASYMMETRIC SYNTHESIS AND CATALYSIS

Jerome Lacour *Chiral anionic counterions in asymmetric chemistry*
Chiral super stable cations as new platforms for reaction discovery and applications
Allylation and macrocyclization reactions using Ru and Rh catalysis

MOLECULAR RECOGNITION: A TOOL FOR ORGANIC SYNTHESIS

Antonella Dalla Cort *The supramolecular approach to synthesis and catalysis*
Leonard Prins *Combinatorial chemistry: covalent versus dynamic approach*

STUDYING CHIRALITY WITH ELECTRONIC AND VIBRATIONAL CIRCULAR DICHROISM

Sergio Abbate *The use of Vibrational Circular Dichroism (VCD) for the determination of the absolute configuration and of the conformations of chiral molecules: solved problems and problems to be solved*
Gennaro Pescitelli *Electronic circular dichroism. Modern methods combining efficiency and reliability to elicit absolute structures from CD spectra*

INDUSTRIAL PERSPECTIVES

Riccardo Motterle *Enzyme catalysis: industrial applications*
Vincenzo Summa *Discovery of Isentress, the first in class HIV integrase inhibitor: from hit to drug*

MODERN ASPECTS OF ACID/BASE CATALYSIS IN ORGANIC SYNTHESIS

Raimondo Maggi *Supported organic bases for fine chemical synthesis*
Alessandra Lattanzi *Enantioselective hydrogen-bonding and Brønsted acid mediated organocatalysis*

ADVANCED ORGANOMETALLIC REAGENTS FOR C-C BOND FORMATION

Jacques Maddaluno *Polar organometallic reagents: advantages and limits in synthesis*
Giuliano Giambastiani *Late transition metal complexes in olefin oligomerization*

CULTURAL SEMINAR

Sandra Linguerri *The cultural perspective of Giacomo Ciamician, prophet of solar energy*

CRITICAL SURVEYS COVERING THE YEAR 2009

Annamaria Deagostino *Organometallic compounds in organic synthesis*
Elena Petricci *Introduction and transformation of functional groups*
Irene Izzo *Total synthesis of natural products*
Daniela Montesarchio *Solid-Phase synthesis*

Secretariat: Dott. Clelia Giannini
Università degli Studi di Milano
Dipartimento di Chimica Organica e Industriale
via Venezian, 21 - 20133 MILANO
tel. +39 02 50314148 - fax +39 02 50314139
e-mail: clelia.giannini@unimi.it

<http://www.corsoestivocorbella.unimi.it/>