



**XXXIV "A. CORBELLA" SUMMER SCHOOL
SEMINARS IN ORGANIC SYNTHESIS
Gargnano (BS), Palazzo Feltrinelli, June 22-26, 2009**

ORGANIZING COMMITTEE

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

PROGRAMME OF LECTURES

Jonathan Clayden *Conformational Stereocontrol*
Discovery and Application of new Dearomatising Reactions

CURRENT PERSPECTIVE ON MOLECULAR REARRANGEMENTS: NOVEL REACTIONS AND SYNTHETIC APPLICATIONS

Franca M. Cordero *Stepwise Molecular Rearrangements*
Pedro Merino *Concerted Molecular Rearrangements*

MODERN ASPECTS OF CARBOCYCLIC CHEMISTRY

Fabio Benedetti *Synthesis and Properties of Three- and Four-Membered Carbocycles*
Fabrizio Fabris *Polycarbocyclic Architectures: Tridimensional Rigid Structures from Simple Small Molecules*

COMPUTATIONAL CHEMISTRY MEETS ORGANIC CHEMISTRY: A MODERN TOOL IN SYNTHESIS

Mauro Freccero *Properties, Reactivity and Selectivity Modelled by Implicit Solvation Models.*
A Beginner's guide
Hélène Gerard *How Can Theoretical Chemistry Account for Temperature Effects?*

PHOTOCHEMISTRY: ORGANIC SYNTHESIS WITH LIGHT

Maurizio D'Auria *Stereoselectivity in Organic Photochemistry*
Maurizio Fagnoni *Synthetic Applications of Photochemistry: the Renaissance of the ArSN1 Reaction*

INDUSTRIAL PERSPECTIVES

Stefania Gagliardi *Meso Flow Chemistry: an Efficient Technique for Reaction Optimization*
Vittorio Farina *The Olefin Metathesis Reaction: Applications in the Pharmaceutical Industry*

CULTURAL SEMINAR

Vincenzo Pavone *Art and the Breath of Molecules*

CRITICAL SURVEYS COVERING THE YEAR 2008

Marco Bella *Total Synthesis of Natural Products*
Carlo Morelli *Enzyme-Catalyzed Reactions in Organic Synthesis*
Luigi Vaccaro *Introduction and Transformation of Functional Groups*
Paolo Melchiorre *Enantioselective Organic Synthesis via Organocatalysis*

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