



XXIX SUMMER SCHOOL "A. CORBELLA" SEMINARS IN ORGANIC SYNTHESIS Gargnano (BS), Palazzo Feltrinelli, June 14-18, 2004

ORGANIZING COMMITTEE

F. Sannicolò, A. Guarna, L. Lay, L. Lopez, M. Prato, G. Sartori

PROGRAM OF LECTURES

STRATEGIES IN ORGANIC SYNTHESIS

- Ian Fleming** *Electronic effects in diastereocontrol*
Unusual and unexpected reactions of the phenyldimethylsilyllithium reagent
- Stuart Warren** *Strategy in organic synthesis: Disconnections that Simplify the Problem*
Strategy in organic synthesis: Examples of strategy in synthesis
- Alessandro Casnati** *Noncovalent Synthesis of Organic Structures*

PROBLEMS IN INDUSTRIAL ORGANIC SYNTHESIS

- Antonello Covacci** *Gene Identification, Role Assignment and Analyses of Functions: Principles for New Target Selection in Antibiotic and Vaccine Development. A Primer for Informatics in Biological Discovery*
- Barbara Lani** *Quality: the Added Value to Innovation*
- Giuliano Zambonin** *From Laboratory to Chemical Plant: Scale-up Examples of Reactions of Industrial Interest (Part I)*
- Elisa Capparella** *From Laboratory to Chemical Plant: Scale-up Examples of Reactions of Industrial Interest (Part II)*

ADVANCED PHYSICAL METHODS IN ORGANIC CHEMISTRY

- Francesco Dondi** *HPLC as Analytical and Preparative Technique: Fundamentals and Applications*
- Pierluigi Reschiglian** *Field-Flow Fractionation: a Physical Method for Separations in the Macromolecular and Supramolecular field*
- Paul Krusic** *Chemical Kinetics Studied by Gas-Phase NMR Spectroscopy*

HISTORY OF CHEMISTRY

- Maria Grazia Costa** *Historical Roots of Chemistry in Florence: Hugo Schiff*

NON CLASSICAL SYNTHETIC METHODOLOGIES

- Luigi Lopez** *Active Oxygen in Chemistry and Biological Systems*
- Sandra Rondinini** *Organic Electrosynthesis*

CULTURAL SEMINAR

- Francesco Fringuelli** *The Origin of Biomolecular Chirality: An Enigma on the Life's Origin*

CRITICAL SURVEYS COVERING THE YEAR 2003

- Dario Perdicchia** *Organometallic Compounds in Organic Synthesis*
- Stefano Cicchi** *Total Synthesis of Natural Products*
- Domenico Albanese** *Introduction and Transformation of Functional Groups*
- Andrea Porcheddu** *Solid-Phase Synthesis*

Secertariat: Dott. Luigi Lay

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