



UNIVERSITÀ  
DEGLI STUDI  
DI MILANO

**40<sup>th</sup> "A. CORBELLA" INTERNATIONAL SUMMER SCHOOL  
ON ORGANIC SYNTHESIS – ISOS 2015  
Gargnano (BS), Palazzo Feltrinelli, June 14-18, 2015**

ORGANIZING COMMITTEE

M. Benaglia, M. Bandini, G. Bifulco, G. Licini, C. Nativi, A. Puglisi

2015 Additional Members: M. Bonchio, M. Albrecht (CARISMA COST ACTION – CM1205)

**40<sup>th</sup> ANNIVERSARY CELEBRATION OF "A. CORBELLA" SUMMER SCHOOL ON ORGANIC SYNTHESIS**

PROGRAMME OF LECTURES

**OPENING LECTURE**

**Maurizio Prato** (University of Trieste)

*Nanotechnology and Organic Chemistry*

**KINETICS IN ORGANIC SYNTHESIS**

**Herbert Mayr** (University of München)

*Stability Scales for Carbocations*

**NEW TRENDS IN C-H AND C-C BONDS ACTIVATION**

**Martin Albrecht** (UCD, Dublin)

*Mesoionic C-donor Ligands and their Application in Bond Activation Chemistry*

**Nicolai Cramer** (EPFL, Lausanne)

*The Quest for Efficient Ligands in Asymmetric C-H Functionalizations*

**Giovanni Poli** (University of Paris 6)

*C-H Activation: Key Principles*

**PHOTOCATALYSIS**

**Burkhard König** (University of Regensburg)

*Visible Light Photocatalysis*

**CATALYSIS IN INDUSTRY**

**Rocco Paciello** (BASF)

*Homogenous Catalysis@BASF*

**Michelangelo Scalone** (F. Hoffmann-La Roche)

*The Importance of Catalysis in the Synthesis of Active Pharmaceutical Ingredients*

**BIOLOGICAL TOOLS IN ORGANIC CHEMISTRY**

**Dario Neri** (ETH, Zurich)

*DNA-encoded Chemical Libraries and Small Molecule Drug Delivery*

**Tom Wennekes** (University of Wageningen)

*Front line Chemical Glycobiology with Sialic Acid in Man & Microbes*

**ANALYTICAL METHODS**

**Claudio Dalvit** (University of Neuchâtel)

*Fluorine NMR Spectroscopy in Drug Discovery: Principles and Applications*

**Marco Guerrini** (Istituto Ronzoni, Milano)

*Analysis of Heterogeneous Mixtures: NMR Spectroscopy and Chemometrics for Characterization of Heparin and Low Molecular Weight Heparins*

**KEYNOTES LECTURES**

**Lisa Moni** (University of Genova)

*Recent Developments in Metal- and Organo-Catalyzed Multicomponent Reactions*

**Stefano Protti** (University of Pavia)

*Photochemistry Reloaded. The Renaissance of Photochemical Synthesis*

**Angela Zampella** (University "Federico II", Napoli)

*From Nature to the Box*

**SPECIAL SESSION**

**Silvia Ercoli** (Eli Lilly)

*Recruiting Process: the Big Unknown*

Secretariat:

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