40th “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)

40th 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

http://www.corbellasummerschool.unimi.it