



UNIVERSITÀ
DI CAMERINO

Summer School

Dipartimento di Scienze Chimiche

GRUPPO INTERDIVISIONALE
DI CHIMICA ORGANOMETALLICA

Società Chimica Italiana



7th INTERNATIONAL SCHOOL OF ORGANOMETALLIC CHEMISTRY

Camerino, Italy
5 - 9 September 2009

SUMMER SCHOOL

“NEW PERSPECTIVES IN ORGANOMETALLIC CHEMISTRY:
FROM MODELLING TO APPLICATIONS”

LECTURERS

- A. BERKESSEL**, *University of Köln, Germany*: Asymmetric organocatalysis by hydrogen bonding networks.
C. BOLM, *RWTH Aachen, Germany*: Metal catalysis - asymmetric and simple.
P. BRAUNSTEIN, *University of Strasbourg, France*: Synergism between concepts and discoveries in organometallic chemistry
T. J. DONOHOE, *University of Oxford, United Kingdom*: New catalytic methods designed for the efficient synthesis of natural products.
P. DYSON, *EPF of Lausanne, Switzerland*: Medicinal properties of organometallic compounds.
G. LICINI, *University of Padova, Italy*: Multidentate, highly symmetric ligands in selective catalysis.
A. MACCHIONI, *University of Perugia, Italy*: NMR Techniques for investigating the supramolecular structure in solution of organometallics.
A. J. MAYORAL, *University of Zaragoza, Spain*: Immobilization and recycling of enantioselective catalysts.
C. MEALLI, *ICCOM – CNR, Firenze, Italy*: A MO approach (with worked examples) to the architecture, unusual bonding properties and chemical reactivity of organometallic compounds.
T. J. J. MÜLLER, *University of Düsseldorf, Germany*: Catalytic generation of alkynones and alkenones as an entry to multi-component synthesis and domino reactions
L. OVADIA, *The Hebrew University of Jerusalem, Israel*: Electrochemical means and in-series electrochemical flow cell - mass spectrometry in organometallic chemistry.
R. N. PERUTZ, *University of York, United Kingdom*: Reaction mechanisms: why study reactions that regenerate the starting materials?
K. SOAI, *University of Tokyo, Japan*: Asymmetric autocatalysis with amplification of chirality using dialkylzinc.
M. TILSET, *University of Oslo, Norway*: Platinum complexes for reactions with hydrocarbons: from molecular species to macromolecular structures

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All correspondence concerning the School should be addressed to :
Prof. Augusto Cingolani
Dipartimento di Scienze Chimiche
Università degli Studi
I - 62032 CAMERINO (MC), Italy

Tel. +39 737 402222, 402234, 402217.
Fax +39 737 402338, 637345.
e-mail:augusto.cingolani@unicam.it
Information is available on:
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