

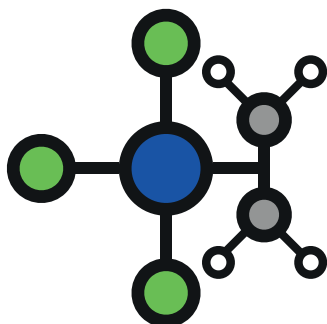
XIV International School of Organometallic Chemistry

ISOC 2023



Gruppo Interdivisoriale
Chimica Organometallica

University of Camerino



HR EXCELLENCE IN RESEARCH

7 - 11 September 2023

Camerino, Benedetto XIII Cultural Center

Bruce A. Arndtsen

Alternative Energy Drivers for Palladium Catalyzed Coupling Reactions

Joaquín García Álvarez

Design of hybrid one-pot tandem protocols by using transition-metal or s-block organometallic chemistry under greener reaction conditions

Matthias Beller

The Importance of Organometallic Chemistry in Homogeneous and Heterogeneous Catalysis

Christophe Copéret

NMR chemical shifts beyond numbers: understanding the electronic structure of reaction intermediates

Odile Eisenstein

The chemistry of the Grignard systems: A cold case now open to computational studies

Dorota Gryko

Vitamin B12 catalysis - lessons learned from nature

Eva Hevia

Tailoring organosodium reagents for new stoichiometric and catalytic reactions

Igor Larrosa

Mechanistic Understanding-Led Transition Metal Catalyzed C-H Functionalization

Franc Meyer

Merging Organometallic and Bioinorganic Chemistry: Carbene Ligands in Bioinspired Model Studies

Barbara Milani

A tour around the late transition metal catalysts for polymerization reactions

Bill Morandi

Recent adventures in catalysis

Alessandro Mordini

The Organometallic Chemist's Toolbox to Access New Molecules for Sustainable Energy and Fuels Production

Thierry Ollevier

Chiral Iron Catalysts for Asymmetric Organic Transformations

Beatriz Royo

Manganese-catalyzed hydrosilylative reduction: ligand design and mechanistic aspects

Johannes G. de Vries

Use of homogeneous catalysis for the conversion of renewable resources to chemicals

