













AIM 2018

Advanced Inorganic Materials Green and Unconventional Synthesis Approaches and Functional Assessment

Department of Chemical Sciences University of Padova (Italy) September 5-7th 2018

MAIN TOPIC

This workshop will present to students and experienced researchers an overview of the latest developments in the field of unconventional and green synthesis of advanced inorganic materials and their functional assessment.

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For master students, PhD students and experienced researchers, especially if new to these unconventional methods, but interested in discovering their unique potential. The presentations will have and introductory and didactical scope.

MAIN SESSIONS AND SUBSESSIONS

- Unconventional and green synthesis approaches
 - for catalysis and energy storage & conversion A1
 - A7 for biomedicine and health
- B Scale-up of inorganic materials synthesis
- С Synthesis optimisation and understanding - innovative experimental and computational approaches

FURTHER TOPICS (not limited to...)

Advanced design

Computational-assisted development of the synthesis, Design of Experiment (DoE), Life Cycle Assessment (LCA)

Unconventional synthesis approaches flow or high-throughput methods and solvothermal methods polyol-assisted synthesis, biogenic approaches, microwave heating deep eutectic / supercritical / ionic liquid solvents shape / anisotropy / porosity control

Characterisation and rationalisation Synchrotron-based methods, operando and time-resolved crystallization pathways investigation

NO REGISTRATION FEES – registration required

An attendance certificate will be provided

ABSTRACT SUBMISSION

Please follow the template available here: http://www.chimica.unipd.it/silvia.gross/workshop/home.html Submission deadline: 30/06/2018 Info & contacts: unconventionalgreen@gmail.com



SCIENTIFIC COMMITTEE

Prof. Gabriele Centi, University of Messina Dr. Lucia Curri, IPCF-CNR, Bari Prof. Jawwad Darr, UCL London Dr. Paolo Dolcet, University of Padova Prof. Emiel Hensen, TU Eindhoven

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