





AlM 2020 Advanced Inorganic Materials

Green and Unconventional Synthesis Approaches and Functional Assessment

Department of Chemistry, Campus University of Bari Aldo Moro 25-26 June 2020

http://www.unconventional-aim2020-bari.it

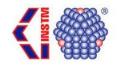
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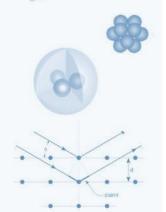
















SCOPE

AIM 2020 workshop will be a platform for presenting to students and experienced researchers an overview of the new developments and recent results in the field of unconventional and green synthesis of advanced inorganic materials and their functional assessment

AUDIENCE

Master and PhD students and experienced researchers intending to approach or extend their knowledge on unconventional synthesis of advanced materials and discovering their unique potential. The presentations will have an introductory and didactic scope

SESSIONS AND SUB-SESSIONS

A Unconventional and green synthesis approaches

A1 for (photo)catalysis and energy conversion and storage

A2 for biomedicine and health

B Scale-up of inorganic materials synthesis

C Synthesis optimisation and understanding - innovative experimental and computational approaches

FURTHER TOPICS

Advanced design - Computational-assisted development of syntheses, DoE, LCA Unconventional synthesis approaches - Flow, high-throughput and solvothermal methods, polyol-assisted synthesis, biogenic approaches, microwave heating, deep eutectic/supercritical/ionic liquid solvents, shape/anisotropy/porosity control Synthesis of hybrid organic-inorganic materials sol-gel, ceramics, biopolymer based, mesoporous

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

NO REGISTRATION FEES but registration required

Please register at http://www.unconventional-aim2020-bari.it

ABSTRACT SUBMISSION

Please use the template available here: http://www.unconventional-aim2020-bari.it Submission deadline 31/03/2020

Confirmed invited speakers

Plenary speakers

Prof. Markus Niederberger, ETH, Switzerland

Prof. Sanjay Mathur, University of Cologne, Germany

Prof. Liberato Manna, IIT, Italy

Keynote speakers

Prof. Simone Mascotto, University of Hamburg, Germany

Prof. Kirsten Marie Ørnsbjerg, Jensen University of Copenhagen, Denmark

Dr. Cinzia Giannini, IC CNR, Italy

Chairpersons

Prof. S. Gross, University of Padova, Italy Prof. M. L. Curri, University of Bari, Italy

Scientific Committee

Prof. J. Darr, UCL, London, UK

Prof. M. Fröba, Univ. of Hamburg, Germany

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Organising Committee

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