

AIM 2022



Bari (IT) 23-24 June 2022

AIM 2022

Advanced Inorganic Materials

Green and Unconventional Synthesis Approaches and Functional Assessment

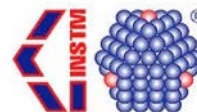
Department of Physics, Campus
University of Bari Aldo Moro
23-24 June 2022

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

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AIM 2020

Advanced Inorganic Materials

Bari (IT) June 23th-24th 2022



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SCOPE

AIM 2022 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 30/04/2022

Confirmed invited speakers

Plenary speakers

Prof. Sanjay Mathur, University of Cologne, Germany

Prof. Liberato Manna, IIT, Italy

Keynote speakers

Prof. Simone Mascotto, University of Hamburg, Germany

Prof. Jawwad Darr, UCL, London, United Kingdom

Dr. Cinzia Giannini, IC CNR, Italy

Dr. Iñigo Bretos, ICMM, CSIC – Spain

Nanomaterials journal (IF 5.076) will devote a Special Issue to the topic of the Workshop. Directions to submit manuscripts are available on the workshop website.

Chairpersons

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

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