





# AlM 2020 Advanced Inorganic Materials

# Green and Unconventional Synthesis Approaches and Functional Assessment

Department of Chemistry, Campus University of Bari Aldo Moro 25-26<sup>th</sup> June 2020

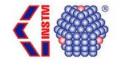
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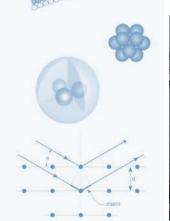








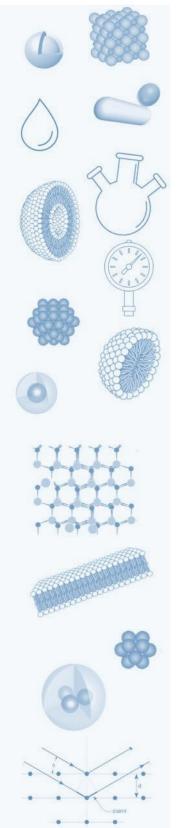
http://www.unconventional-aim2020-bari.it







Bari (IT) 25-26 June 2020



# 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 <a href="http://www.unconventional-aim2020-bari.it">http://www.unconventional-aim2020-bari.it</a>

# 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

Prof. R. Walton, University of Warwick UK

Prof. B. Smarsly, JLU Giessen Germany

Prof. A. Agostiano, University of Bari Italy

Dr. R. Comparelli, CNR IPCF Italy

Dr. M. M. Natile, CNR ICMATE, Italy

Dr. M. Striccoli, CNR IPCF, Italy

# **Organising Committee**

Dr. N. Depalo, CNR IPCF. Italy Prof. E. Fanizza, University of Bari, Italy

Dr C. Ingrosso, CNR IPCF, Italy Dr. A. Panniello, CNR IPCF, Italy

#### Secretariat

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