

Workshop „MOFs for industrial applications “

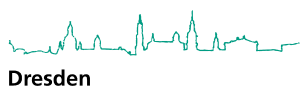
November 23, 2011

Bergamo, Italy

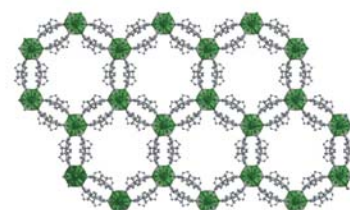
Program

Metal organic frameworks (MOFs) emerge as a new high potential material class. High specific surface areas, catalytic activities for selective conversion and scalable synthesis routes promise a huge variety of potential applications in gas storage, air and hydrogen purification, CO₂ reduction, and various chemical processes. The workshop brings together experts from academia and industry with a focus on application and formulation in gas purification, separation and toxic gas treatment of MOFs. Beside a survey of the state of the art the workshop focuses the attention on new innovative processes.

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|-------|---|-------|--|
| 09:30 | Welcome and introduction
Stefan Kaskel
Inorganic Chemistry,
University of Technology Dresden, Germany | 12:45 | Lunch break |
| 09:45 | Metal Organic Frameworks for respiratory protection
Ilsebill Eckle
BLÜCHER GmbH, Germany | 14:00 | Pyrazolato-based MOFs: An example of remarkable thermal, mechanical and chemical stability
Simona Galli
Dipartimento di Scienze Chimiche e Ambientali
Università dell'Insubria, Italy |
| 10:15 | Adsorption screening techniques for MOFs
Matthias Leistner
Fraunhofer IWS, Germany | 14:30 | MOFs for gas storage
Fabrizio Turra
SIAD, Italy |
| 10:45 | Coffee break | 15:00 | Coffee break |
| 11:15 | MOF fixation in textile structures
Marc Jolly
Norafin Industries Germany GmbH, Germany | 15:30 | Adsorptive separations using MOFs
Alirio Rodrigues
Universidade de Porto, Portugal |
| 11:45 | Metal Organic Frameworks @ Aldrich Materials Science - Current Status and Looking Ahead
Jianwei Tong
Sigma-Aldrich Chemie GmbH, Germany | 16:00 | Multifunctional Antibacterial MOFs
Stewart Warrender
University of St Andrews, UK |
| 12:15 | MOF – Synthesis and processing
Stefan Kaskel
Inorganic Chemistry,
University of Technology Dresden, Germany | 16:30 | Concluding remarks
Stefan Kaskel
Inorganic Chemistry,
University of Technology Dresden, Germany |



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Organization

Admittance: 9:00 am

Beginning: 9:30 am

Workshop language: English

Workshop fee: EUR 150
EUR 100 ONLY for students
(payable on receipt of invoice)

The fee includes refreshments.

Registration deadline: November 1, 2011

Cancellation of registration
is possible by November 15, 2011.
After this date the full costs will be charged.

Contact

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Venue



Aula Magna of the University of Bergamo
via Pasubio, 3
24044 Dalmine
(Bergamo) ITALIA

(More details you will find here:
<http://www.servitec.it/seminari/ConferencePoint/tabid/96/language/it-IT/Default.aspx>)

Shuttle bus is organized as follows:

08:30 am from Donizetti Theatre to the location of the workshop, stop POINT (Polo per l'Innovazione Tecnologica della provincia di Bergamo) in Dalmine

05:00 pm from the location of the workshop POINT (Polo per l'Innovazione Tecnologica della provincia di Bergamo) in Dalmine to Donizetti Theatre



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