

# Workshop „MOFs for industrial applications “

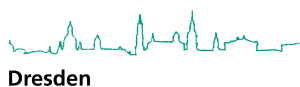
November 23, 2011

Bergamo, Italy

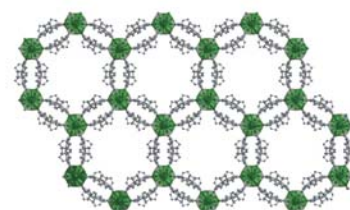
## Program

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, CO<sub>2</sub> 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 | <b>Welcome and introduction</b><br><b>Stefan Kaskel</b><br>Inorganic Chemistry,<br>University of Technology Dresden, Germany                                | 12:45 | <b>Lunch break</b>   |
| 09:45 | <b>Metal Organic Frameworks for respiratory protection</b><br><b>Ilsebill Eckle</b><br>BLÜCHER GmbH, Germany  | 14:00 | <b>Pyrazolato-based MOFs: An example of remarkable thermal, mechanical and chemical stability</b><br><b>Simona Galli</b><br>Dipartimento di Scienze Chimiche e Ambientali<br>Università dell'Insubria, Italy |
| 10:15 | <b>Adsorption screening techniques for MOFs</b><br><b>Matthias Leistner</b><br>Fraunhofer IWS, Germany  | 14:30 | <b>MOFs for gas storage</b><br><b>Fabrizio Turra</b><br>SIAD, Italy  |
| 10:45 | <b>Coffee break</b>   | 15:00 | <b>Coffee break</b>  |
| 11:15 | <b>MOF fixation in textile structures</b><br><b>Marc Jolly</b><br>Norafin Industries Germany GmbH, Germany  | 15:30 | <b>Adsorptive separations using MOFs</b><br><b>Alirio Rodrigues</b><br>Universidade de Porto, Portugal   |
| 11:45 | <b>Metal Organic Frameworks @ Aldrich Materials Science - Current Status and Looking Ahead</b><br><b>Jianwei Tong</b><br>Sigma-Aldrich Chemie GmbH, Germany | 16:00 | <b>Multifunctional Antibacterial MOFs</b><br><b>Stewart Warrender</b><br>University of St Andrews, UK  |
| 12:15 | <b>MOF – Synthesis and processing</b><br><b>Stefan Kaskel</b><br>Inorganic Chemistry,<br>University of Technology Dresden, Germany                          | 16:30 | <b>Concluding remarks</b><br><b>Stefan Kaskel</b><br>Inorganic Chemistry,<br>University of Technology Dresden, Germany   |



[www.nanomof-project.eu](http://www.nanomof-project.eu)



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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**

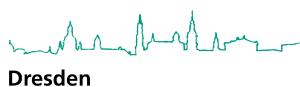
(More details about the workshop location:  
[www.servitec.it/seminari/ConferencePoint/tabid/96/language/it-IT/Default.aspx](http://www.servitec.it/seminari/ConferencePoint/tabid/96/language/it-IT/Default.aspx))

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

**More information about Bergamo:**  
**[www.turismo.bergamo.it](http://www.turismo.bergamo.it)**



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