

## INDUSTRIAL WORKSHOP



# Innovative Materials and Technologies for CO<sub>2</sub> Capture

January 12<sup>th</sup> 2017

at INVITE GmbH, Leverkusen

In the last decade, CO<sub>2</sub> capture gained more and more attention to minimize the environmental impact of post-combustion processes. Novel materials implemented into innovative technologies can provide a promising solution. Due to high CO<sub>2</sub> capture affinity of certain materials and intensified technologies the occurring synergies can be used to make CO<sub>2</sub> capture industrially feasible in the future. The goal of the workshop is to bring academic and industrial experts together in order to fertilize active discussions on this topic. The workshop presents major results of the FP7 research-project **INTERACT - INnovaTive Enzymes and polyionic-liquids based memBRANes as CO<sub>2</sub> Capture Technology** ([interact-co2.eu](http://interact-co2.eu)) as well as other innovative research projects in the same area and relevant industrial applications.

Please join us in this event and use the unique opportunity for scientific discussions and personal networking between scientists from academia and industrial practice to shape future CO<sub>2</sub> capture technologies.

Prof. Dr.-Ing. Andrzej Górak, TU Dortmund University

## PROGRAMME

08:30 – 09:30 *Registration and coffee*

09:30 – 09:40 **Opening**  
Andrzej Górak, TU Dortmund University, DE

Session: INTERACT

09:40 – 10:00 **CCS Initiative EU**  
Wolfgang Schneider, Project Officer INTERACT

10:00 – 10:30 **CCS Australia**  
Paul Feron, CSIRO, AU

10:30 – 12:00 **INTERACT project presentations**  
Various project partners

12:00 – 13:30 *Lunch break and INTERACT poster presentations at the SHOWROOM*

Session: EU projects past and present

13:30 – 14:00 **CAPSOL**  
Eugeniy Kenig, University of Paderborn, DE

14:00 – 14:30 **HiPerCap**  
Hanne Kvamsdal, SINTEF, NO

14:30 – 15:00 **M<sup>4</sup>CO<sub>2</sub>**  
Freek Kapteijn, TU Delft, NL

15:00 – 15:15 *Coffee break*

Session: industrial innovations and prospects

15:15 – 15:45 **Innovations at Evonic**  
Christof Grüner, Evonic, DE (to be confirmed)

15:45 – 16:15 **CCS as interface**  
Georg Sieder, BASF SE & Peter Moser, RWE, DE (to be confirmed)

16:15 – 16:30 **Closing and Farewell**  
Andrzej Górak, TU Dortmund University, DE

16:30 – 18:00 *Discussions and networking*

## INFORMATION

### REGISTRATION

Please register via E-Mail to [interact.pdm@tu-dortmund.de](mailto:interact.pdm@tu-dortmund.de) by Tuesday, 8<sup>th</sup> November 2016. Please note that the number of participants is limited.

### CONTACT INFORMATION

#### Scientific contact

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#### Organizational contact

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### VENUE



INVITE GmbH  
Lecture room, Building W32  
Kaiser-Wilhelm-Allee 50, 51373 Leverkusen  
Directions: <http://www.invite-research.com/>

A selection of accommodations in Leverkusen can be provided with the registration confirmation.