

Invitation

The Institut für Nichtklassische Chemie e.V. (INC) Leipzig, a member of ZUSE-Gemeinschaft e.V., invites you to the »Leipziger Symposium« in 2021 - held as an **online** event. Continuing this successful series of scientific events, the symposium focuses on dynamic sorption processes from different perspectives, spanning from academia to industry.

The symposium covers the broad field between modeling, materials and applications. It serves as a platform, encouraging the exchange of user experience and inspiring the development of new measuring techniques based on dynamic sorption alike. With the talks given by experts in the field, the symposium provides an overview of modeling dynamic sorption processes with respect to modern experimental methods and technologies.

We will give you the chance to get in touch with all the worldwide participants of both the 3P instruments workshop (held on April 13th) and the Leipziger Symposium. **An interactive FAQ and discussion session** will take place on April 15th from 9:00 AM till 12:00 AM. You will have the possibility to introduce yourself followed by a virtual get-together with the other participants.

You are invited to give a 10-minute-talk on your research or project topic related to porous materials and adsorption. Eventually, a discussion session with all the participants and experts of the workshop and the symposium will take place.

Please indicate the topic of your talk when registering for the event. You can either record your talk as a video in advance or present your talk live on April 15th.

For more information visit

www.dynamicsorption.com

Dynamic sorption

LEIPZIGER SYMPOSIUM
on dynamic sorption

2021

Online
April 14th, 2021

Contact

Institut für Nichtklassische Chemie e.V.

Tel.: +49 341 235 2405
Fax: +49 341 235 2701
Web: <http://research.uni-leipzig.de/inc>
E-Mail: info@inc.uni-leipzig.de

3P Instruments GmbH & Co. KG

Tel.: +49 8134 9324 0
Fax: +49 8134 9324 25
Web: <https://www.3P-instruments.com>
E-Mail: info@3P-instruments.com

Institut für Nichtklassische Chemie e.V.



3P Instruments GmbH & Co. KG



Characterization of
particles • powders • pores

www.dynamicsorption.com

Schedule

- 9:00 **Welcome and Introduction**
- 9:15 **INC – Your partner in the field of R&D**
Dr. J. Möllmer, INC Leipzig
- 9:45 **Cyclic Adsorption Processes: Old and New**
Prof. A. Rodrigues, University of Porto
- 10:30 **Morning Break**
- 10:45 **Process Intensification of PSA-plants**
Prof. J. Guderian, FH Münster
- 11:15 **Dynamic sorption experiments in Lab-scale**
Dr. M. Lange, INC
- 11:45 **Characterization of sorption kinetics of CO₂ from N₂-rich gas mixtures on Zeolites**
Dr. R. Eschrich, 3P Instruments GmbH & Co. KG
- 12:15 **Lunch Break**
- 13:00 **MOFs for novel adsorption applications @ BASF**
Dr. S. Marx, BASF
- 13:45 **Adsorption based separation of CO₂ from biogas**
D. Otter, TU Kaiserslautern
- 14:15 **Adiabatic reactor design – selective hydrogenation of acetylene**
P. Naumann, Shell Catalyst & Technologies GmbH
- 14:45 **Afternoon Break**
- 15:00 **Performance determination of high-purity N₂-PSA's**
A. Marcinek, FH Münster
- 15:30 **Separation of PCE-containing exhaust air by VOC concentrator and activated carbon**
A. Weger, R. Scheuchl GmbH
- 16:00 **Title to be announced**
Dr.-Ing. U. Jordan, HZI BioMethan GmbH
- 16:45 **Closing words**

Technical Requirements

You will need an internet connection that has the necessary performance for video streaming. We also recommend a microphone and webcam so you can ask questions and participate in the discussion. The link for joining the meeting will be sent to you one week in advance of the Symposium. You can dial in from 8:45 AM onwards; the Symposium starts at 9:00 AM.

Participation Fees

Symposium (April 14th)
and interactive session (April 15th), excluding taxes:

150 €

Workshop – Adsorption & Characterization of porous solids (April 14th)

When additionally participating in the 3P Instruments Workshop »Adsorption & Characterization of porous solids« (April 13th, 2021 – online), you get the package of workshop, symposium and the interactive session on April 15th for a discounted price (excl. taxes):

200 €

More information:

<https://www.3P-instruments.com/adsorption-week/>

Interactive Session (April 15th)

Present your research in a 10-minute-talk, get in touch and discuss your results with participants worldwide.

Submission deadline for presentations is

March 19th, 2021.

Registration

Register online:

www.dynamicsorption.com/symposium

or send your registration to:

3P Instruments GmbH & Co. KG

info@3P-instruments.com

Fax: +49 8134 9324 25

Last Name, First Name, Title

Company / Department

Street / Number

Post code / City

Phone

Fax

Email

Talk topic at interactive session on April 15th

Want to participate on 3P Instruments Workshop as well?

Please direct this information to your colleagues, even if you cannot participate.