

Get Insights into the Current Research Activities  
of CHASE and its Partners in the Field of Process Digitalization



**21.10.2021, 11:00**

# **CHASE Expert Day**

## **Process Digitalization for Sustainable Solutions**

- News from the Industry •
- Presentations by Scientific Partners •
- Research Highlights from CHASE-Researchers •

**21.10.2021, 11:00**  
**JKU Linz – OIC Open Innovation Center**

Competence Center CHASE GmbH

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# Program:

11:00    Arrival/Registration and Light Lunch

12:00    **Welcome & Introduction**  
*Christian Paulik / CHASE*

## SESSION 1—News from the Industry

12:15    „Service Provider of Process Technology for  
Biopharmaceutical Industry“  
*Andreas Wolfram / Bilfinger*

12:45    „Digitalization as Enabler for Circular Economy“  
*Sophie Pachner / EREMA*

13:15    Coffeebreak

## SESSION 2—Presentations by Scientific Partners

13:45    „Digital Twins: Essential Ingredient for Future  
Process Economy“  
*Christoph Herwig / TU Wien*

14:15    „Digital Flow Shadows: Towards Synchronized  
Real-Time Simulation of Flow-Based Processes“  
*Stefan Pirker / JKU Linz*

14:45    „Application of Mechanistic and Data-Driven  
Modeling in Polymer Processing“  
*Christian Marschik / CHASE*  
*Ramin Nikzad-Langerodi / SCCH*

# Program:

15:15    Coffeebreak with Poster Session

## SESSION 3—Research Highlights from CHASE-Researchers

16:00    „BioTwinKit: Bioprocess Monitoring and Control Platform“  
*Julian Kager / CHASE*

16:20    „An Integrative Hybrid Model for Process Development,  
Validation and Manufacturing“  
*Thomas Oberleitner / CHASE*

16:40    „A New Method for Simulating the Forming Process of  
Thermoplastic Composites“  
*Matei Miron / CHASE*

17:00    „Modeling of the Consolidation Step in Processing of  
Thermoplastic Composites“  
*Eva Kobler / CHASE*

17:20    „Defect Detection in the UD-Tape Production Process“  
*Michael Wenninger / CHASE*

17:40    **Closing**  
*Christian Marschik / CHASE*

We would be very pleased to welcome you at this event!

# Take the opportunity to exchange ideas and come to the CHASE Expert Day! 21.10.2021, 11:00 – OIC Open Innovation Center



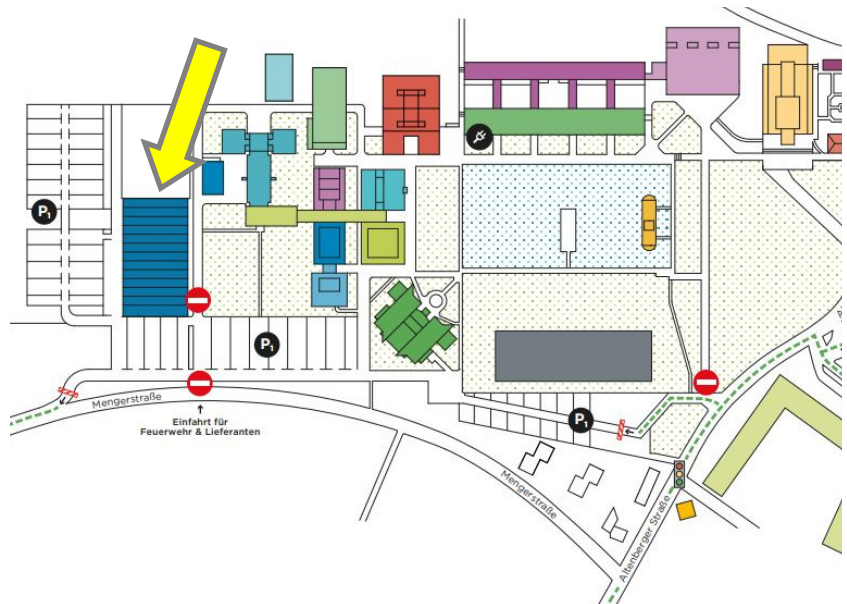
## Free Participation

Please register -> at [kerstin.pum-gstoettenmayr@chasecenter.at](mailto:kerstin.pum-gstoettenmayr@chasecenter.at)

The event will be scheduled as a face-to-face event and will be held in compliance with COVID-19 rules in effect in October. If this is not possible, registered participants will receive a link for online participation few days before.

## Parking

There are enough parking spaces on the JKU campus. Please use the outdoor parking areas P1 near the OIC.



## Terms of Participation

By registering for the event, you agree that your data will be electronically recorded by Competence Center CHASE GmbH. Furthermore, you agree to the future transmission of further information by E-Mail (e.g. Newsletter, ...). It is also pointed out that pictures/videos on which you are depicted may be used by Competence Center CHASE GmbH for public relations (press, newsletter, social media, website, ...) free of charge and for an unlimited period of time.