

Progress meetings 2023



OTTO VON GUERICKE
UNIVERSITÄT
MAGDEBURG

CDS
FORSCHUNGSZENTRUM
DYNAMISCHE SYSTEME



17 April 2023, 1 PM

Energy Conversion

Dr.-Ing. Tanja Vidakovic-Koch, MPI
"Electrochemical CO₂ reduction"

Chemical Production

Prof. Dr. Jan von Langermann, OVGU/FVST
"Integrated Biocatalytic Synthesis Processes for the Preparation of Valuable Compounds"

16 October 2023, 1 PM

Chemical Production

Prof. Dr. Andreas Seidel-Morgenstern, MPI
"Forced periodic operation of reactors"

Key technologies

Drs. Igor Pontes Duff Pereira/Pawan Goyal, MPI
"Learning stable dynamical system from noisy data"/
"Inference of nonlinear dynamical systems with guarantee stability"

12 June 2023, 1 PM

Active Substances

Dr. Eric Schulze-Niemand, OVGU/FME
"Structure-activity relationships of deubiquitinylase inhibitors"

Key Technologies

Prof. Dr. Thomas Richter, OVGU/FMA
"Artificial Neural Networks for Partial Differential Equations"

11 December 2023, 1 PM

Active Substances

Hon.-Prof. Dr. Matthias Stein, MPI
"The dynamics of molecular recognition"

Energy Conversion

Dr. Fabian Sewerin, OVGU/FVST
"Towards an energy economy based on metal fuels: Modelling of dust flames"

Where?

Großer Seminarraum, G28 – 026/027

Online option?

<https://ovgu.zoom.us/j/66697943788>, Code: 079012



How?

Talks will be given in English

Talk (20 min) +  (20 min) + Talk (20 min)