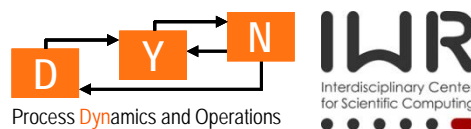


Workshop on Advanced Process Automation

Recent results from the European Projects
CONSENS and MOBOCON



Program

10:30 **Arrival and Coffee**

11:00 **Opening and overview** (*S. Engell*)

11:15 **Modifier Adaptation: Basic principle and current research**
(*Weihua Gao*)

Application of Modifier Adaptation in a miniplant for a homogeneously catalyzed process (*Reinaldo Hernandez*)

Application of Modifier Adaptation to a lithiation reaction at INVITE
(*Anwesh Reddy Gottu-Mukkala*)

12:30 **Lunch**

13:30 **Multistage model predictive control: Basic principle and current research**
(*Sankaranarayanan Subramanian*)

do-mpc - A framework for the efficient development and implementation of NMPC
(*Alexandru Tatulea-Codrean*)

Realization of optimizing control at a real reactive distillation process with product changeover (*Daniel Haßkerl*)

15:15 **Coffee break**

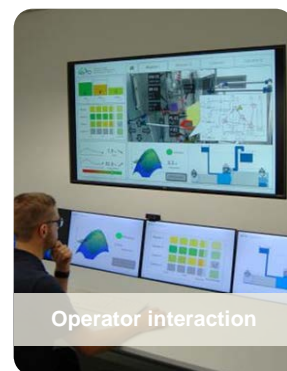
15:45 **Recent advances in numerical methods for NMPC**
(*Andreas Potschka, IWR Heidelberg*)

Modular control of modular plants
(*Fabian Schweers, Christian Sonntag*)

Research on operator interaction with automated plants
(*Clemens Lindscheid*)

17:15 **Visits to the pilot plant / control room simulator**

18:15 – 20:30 **Reception**



Date and Venue

 **TU Dortmund – IBZ**

 **21st December 2017**

Technische Universität Dortmund
Internationales Begegnungszentrum (IBZ)
Emil-Figge-Str. 59
44227 Dortmund

Registration

Please register for the workshop under: <http://bit.ly/2yPDQHG>