

KoMSO Academy

Combining model- and data-based approaches for industrial problems

Challenge Workshop September 15-16, 2021

Haus der Wissenschaft, Sandstraße 4/5, 28195 Bremen

Online participation possible

Wednesday, September 15	
13:00 – 13:30	Arrival, Registration
13:25 – 13:30	Peter Maaß (University of Bremen) <i>Welcome and introduction</i>
13:30 – 14:15	Wil Schilders (Eindhoven University of Technology) <i>Real and artificial intelligence for science and engineering</i>
14:15 – 14:45	Julian Bergmann, Chris Michel Peters (EWE AG Data Lab, Oldenburg) <i>EWE Digital Factory - Use of AI</i>
14:45 – 15:15	Break
15:15 – 15:45	Ralf Korn (TU Kaiserslautern) <i>Stochastic and Data-Based Models for Electricity Demand</i>
15:45 – 16:30	Discussion
Thursday, September 16	
10:00 – 10:15	Arrival
10:15 – 10:45	Ralph Grothmann (Siemens AG, Bremen) <i>Industrial Applications of Deep Learning</i>
10:45 – 11:15	Hanno Gottschalk (University of Wuppertal) <i>Modeling of turbulent flows by generative learning</i>
11:15 – 11:30	Break
11:30 – 12:00	Björn Weißhaupt (Deutsche Bahn AG, Frankfurt) <i>Challenges in Implementing Artificial Intelligence</i>
12:00 – 12:45	Final Discussion