

SOCIAL PROGRAMME

Sunday, 10 November 2024

18:30 Get-together at Restaurant ALEX

If you already arrive on Sunday, 10 November, we have reserved places for a get-together on a self-pay basis from 18:30 in the restaurant

ALEX Frankfurt Skyline Plaza
Europa-Allee 6
60327 Frankfurt am Main

Within walking distance of the DECHEMA-Haus or Maritim Hotel, located in the Skyline Plaza shopping centre.
The shopping centre is closed on Sundays, please use the night access.

More information available on the website.

Monday, 11 November 2024

18:20 ChemCar Contest

In the VDI ChemCar competition, model vehicles driven by (bio) chemical reactions enter the race. The goal is to reach as accurately as possible a distance that is only drawn shortly before the start of the final at this years annual PEMT meeting. The student teams can score points in the poster competition with their innovative idea, but also with a convincing safety concept and a good presentation. The first three winning teams can look forward to prize money provided by high-ranking companies in the chemical industry.

approx. 19:30 Poster & Exhibitors Party

Learn about the latest scientific results or products and discuss them with the poster authors and exhibitors. Enjoy the exchange of ideas over cool drinks and snacks.

PROGRAMME

11 – 12 November 2024

DECHEMA-Haus, Frankfurt am Main · Germany

Annual Meeting of Process Engineering and Materials Technology

www.dechema.de/PE_MT_2024.html



Organiser Contact

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Monday, 11 November 2024

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| Max-Buchner-Hörsaal | |
| 10:30 | Welcome & Opening <i>Klaus Ohlig, Markus Finke, Norbert Kockmann</i> |
| PLENARY LECTURES <i>Chairs: Norbert Kockmann, Markus Finke</i> | |
| 10:40 | Artur Schweidtmann |
| 11:10 | Klaus Wekenborg |
| 11:40 | Posters and Exhibitors Short Introduction |
| 12:40 | Lunch & Posters |
| Max-Buchner-Hörsaal Manfred-Eigen-Hörsaal | |
| MACHINE LEARNING (ML) <i>Chair: Alexander Mitsos</i> | |
| DATA DRIVEN PROCESS DEVELOPMENT <i>Chair: Mirko Skiborowski</i> | |
| 13:40 | Alexander Wolf Heiko Radatz |
| 14:00 | Justus Arweiler Philip Biessey |
| 14:20 | Johannes Schilling Jochen Steimel |
| 14:40 | Martin Bubel Volker Kraft |
| 15:00 | Coffee Break & Posters |
| MACHINE LEARNING - PROCESS DEVELOPMENT <i>Chair: Michael Bortz</i> | |
| MODULAR PLANTS <i>Chair: Frank Stenger</i> | |
| 15:30 | Inga Burke Jonathan Mädler |
| 15:50 | Luisa Malek Lukas Grahl |
| 16:10 | Mitra Jafari Hendrik Borgelt |
| 16:30 | Break for Room Change |
| Max-Buchner-Hörsaal | |
| PLENARY LECTURE <i>Chair: Klaus Ohlig</i> | |
| 16:40 | Peter Pelz |
| 17:10 | End of Lectures / Hotel Check-in |
| 18:20 | CHEMCAR Contest |
| ca. | Posters and Exhibitors Party |
| 19:30 | |
| ca. | End of Day 1 |
| 21:30 | |

Tuesday, 12 November 2024

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| Max-Buchner-Hörsaal | |
| 08:30 | Summary of the First Day <i>Klaus Ohlig, Markus Finke, Norbert Kockmann</i> |
| PLENARY LECTURES <i>Chair: Klaus Ohlig</i> | |
| 08:35 | Kevin Danila |
| 08:50 | Steffen Fahr |
| 09:10 | PANEL DISCUSSION: HYDROGEN FROM HYPE TO REALITY <i>Chairs: Norbert Kockmann, Klaus Ohlig</i> |
| 10:00 | Coffee Break & Posters |
| Max-Buchner-Hörsaal Manfred-Eigen-Hörsaal | |
| HYDROGEN AND CARBON MANAGEMENT I <i>Chair: Harald Klein</i> | |
| MODELLING <i>Chair: Michael Wiedau</i> | |
| 10:30 | Richard Yentumi Michael Bortz |
| 10:50 | August Gladik Edwin Hirtreiter |
| 11:10 | Karl Sengoba Amy Koch |
| 11:30 | Short Break |
| HYDROGEN AND CARBON MANAGEMENT II <i>Chair: Norbert Kockmann</i> | |
| DATA HANDLING <i>Chair: Leon Urbas</i> | |
| 11:40 | Linus Porthun Gregor Tolksdorf |
| 12:00 | Thorben Hochhaus Christian Bratfisch |
| 12:20 | Meike Holtkamp Armin Fricke |
| 12:40 | Lunch & Posters |
| DEVELOPMENT - UNIT OPERATIONS <i>Chair: Jens-Uwe Repke</i> | |
| AI ORIENTED MODELLING <i>Chair: Andreas Bamberg</i> | |
| 13:40 | Saber Niazi Lukas Furtner |
| 14:00 | Laura Marsollek Bogdan Dorneanu |
| 14:20 | Maria Polyakova Maximilian Theisen |
| 14:40 | Break for Room Change |
| Max-Buchner-Hörsaal | |
| PLENARY LECTURE <i>Chair: Markus Finke</i> | |
| 14:50 | Martin Aumann |
| 15:20 | Closing / Poster Award Ceremony |
| 15:40 | End of the conference |
| 15:45 | Meetings of Topical Sections <i>(by invitation)</i> |

EXHIBITION



ORGANISER

