

JMatPro Conference

Monday, 23. May 2022

12:00 pm – 1:30 pm Arrival, registration and lunch

1:30 pm – 3:00 pm Session 1:

- **Opening**
Dr. Uwe Diekmann, Matplus GmbH,
Dr. Jean-Philippe Schillé, Sente Software Ltd.
- **„General overview and new features of JMatPro v13“**
Dr. Jean-Philippe Schillé, Sente Software Ltd.
- **„JMatPro API v7: what's new?“**
Dr. Rafael Miranda, Sente Software Ltd.
- **„Technical Development for Future Versions of JMatPro“**
Zhanli Guo, Sente Software Ltd.

3:00 pm – 3:30 pm Coffee break

3:30 pm – 5:30 pm Session 2:

- **„Use of JMatPro for bainitisation of cold work steels“ – GER**
Dr. Hans-Jürgen Gittel, Forschungsgemeinschaft Werkzeuge und Werkstoffe e.V.
- **„High Throughput Calculations for Maraging Steels“**
Petra Becker, Matplus GmbH
- **„Calculation of Titanium Key Properties and Comparison with High-Pedigree MMPDS Data“**
Bernd Koch, Matplus GmbH
- **„Age hardening of Aluminium Alloys with T8 Tempering“**
Dr. Jianan Hu, Sente Software Ltd.

6:30 pm Evening event

Tuesday, 24. May 2022

9:00 am – 10:30 am Session 3:

- **„Introducing the Material Property Optimiser“**
Dr. Rafael Miranda, Sente Software Ltd.
- **„Advanced FLD – anisotropy consideration“**
Dr. Jianan Hu, Sente Software Ltd.
- **Further Presentations planned**

10:30 am – 11:00 am Coffe break

11:00 am – 12:30 pm Session 4:

- **"Simulation of strength properties and g'-phase size of superalloys" - GER**
Dr. Thomas Witulski, Otto Fuchs KG
- **Dr. Vadym Kochubey, voestalpine Boehler Welding GmbH (Presentation topic follows)**
- **„Use of JMatPro for material development of cutting applications“ - GER**
Alexander Klur, Friedr. Lohmann GmbH

12:30 pm – 1:30 pm Lunch and end of the event

EDA Conference

Tuesday, 24.May 2022

12:00 pm – 1:30 pm Arrvial, registration and lunch

1:30 pm – 3:00 pm Session 1:

- **„EDA Status and Perspectives“**
Dr. Uwe Diekmann, Matplus GmbH
- **„Custom use cases for EDA in the steel industry“**
Sabine Zamberger, Dominik Zügner - voestalpine Forschungsgesellschaft mbH
- **„Experience with EDA in the industrial R&D environment“ - GER**
Dr. Thomas Witulski, Otto Fuchs KG

3:00 pm – 3:30 pm Coffee break

3:30 pm – 5:30 pm Session 2:

- **„Materials Information for ERP using Reference Databases“**
Morteza Poudat, Thies Marwitz, Anika Dombrowa – Matplus GmbH
- **„Consolidation of CAE Data“**
Dr. Uwe Diekmann, Matplus GmbH
- **„New Polymer & Composites Databases“**
Thomas Löhl, Matplus GmbH

6:30 pm Evening event

Wednesday, 25. May 2022

9:00 am – 10:30 am Session 3:

- **„Towards EDA 22“**
Dr. Uwe Diekmann, Matplus GmbH
- **„Tools for Data Analysis and Visualization“**
Alex Miron, Matplus GmbH
- **„Mass & Energy Flow Analysis and LCA with Matplus EDA“**
Bernd Koch, Igor Alperovich, Mostafa Nejad – Matplus GmbH
- **„Use of EDA for Materials Data Management from the Perspective of a Research Institution“**
Pavel Suchmann, Miroslav Urbanek - Comtes Fht A.s.

10:30 am – 11:00 am Coffee break

11:00 am – 12:30 pm Session 4:

- **„Product/Substance Compliance with Teamcenter IMM and Matplus EDA at Leica Geosystem“ - GER**
Alexander Perle, Leica Geosystems AG
- **„Efficient storage, processing and machine learning of research data with EDA“**
Irina Roslyakova, ICAMS

12:30 pm – 1:30 pm Lunch and end of the event

