

13th JMatPro® User-Conference

Tuesday, 14.10.2025

12:00 pm – 01:30 pm Arrival, registration and lunch

01:30 pm – 03:00 pm Session 1

- **Opening & introduction**
Dr. Jean-Philippe Schille - Sente Software Ltd.
- **„Current general developments for JMatPro®“**
Sente Software Ltd.
- **„JMatPro API v9.1: what's new?“**
Dr. Rafael Miranda - Sente Software Ltd.

03:00 pm – 03:30 pm Coffee break

03:30 pm – 5:30 pm Session 2

- **„Application of JMatPro for simulating slab cooling in hot charging between continuous casting and hot rolling - a contribution to CO2 reduction“**
Dr. Andreas Latz - thyssenkrupp Steel Europe AG
- **„Rupture strength prediction of martensitic power plant steels using physically-based material models“**
Dr. Jianan Hu - Sente Software Ltd.

06:00 pm Evening event

Wednesday, 15.10.2025

09:00 am – 10:30 am Session 3 - Demo & discussions

- **Material Property Optimiser**
Dr. Rafael Miranda - Sente Software Ltd.
- **„Design of low-modulus Ti alloys for additively manufactured biomedical implants using MPO“**
Dr. Jianan Hu - Sente Software Ltd.

10:30 am – 11:00 am Coffee break

11:00 am – 12:30 pm Session 4

- **„Technical development for future versions of JMatPro®“**
Sente Software Ltd.

12:30 pm – 01:30 pm Lunch and end of event

4th EDA® User-Conference

Wednesday, 15.10.2025

12:30 pm – 01:30 pm Arrival, registration and lunch

01:30 pm – 03:00 pm Session 1

- **Opening & introduction**
Dr. Uwe Diekmann - Matplus GmbH
- **„EDA 25: what's new?"**
Matplus GmbH
- **„Materials optimization using JMatPro and EDA"**
Matplus GmbH

03:00 pm – 03:30 pm Coffee break

03:30 pm – 5:30 pm Session 2

- **„Managing substances and compliance reporting"**
Matplus GmbH
- **„Big data analysis and advanced visualization"**
Matplus GmbH
- **„Material selection in CAE workflows"**
Matplus GmbH

06:00 pm Evening event

Thursday, 16.10.2025

09:00 am – 10:30 am Session 3 - Demos & discussions

- **Forms & Workflows**
Matplus GmbH
- **Aggregation Tables**
Matplus GmbH
- **Material Selector App**
Matplus GmbH

10:30 am – 11:00 am Coffee break

11:00 am – 12:30 pm Session 4

- **„Exploratory data analysis across the forging process chain using EDA"**
Dr.-Ing. Georg Maier - voestalpine Böhler Edelstahl GmbH & Co. KG
- **„Closed loop integration of material sampling data"**
Matplus GmbH
- **„Matplus and EDA: picture of future"**
Dr. Uwe Diekmann - Matplus GmbH

12:30 pm – 01:30 pm Lunch

Contact for queries: Anika Dombrowa, Matplus GmbH

Tel: +49 (0)202 29 78 97 80 / +49 (0) 176 487 362 27

Email: anika.dombrowa@matplus.eu

Web: www.matplus.eu

Aerospace Materials Engineering using the MMPDS and EDA®

Thursday, 16.10.2025

01:30 pm – 03:00 pm

- **MMPDS intro and overview**
Dough Hall, Battelle Memorial Institute
- **Evaluation of test data**

03:00 pm – 03:30 pm Coffee break

03:30 pm – 5:30 pm Session 2

- **Volume 2 - additive technologies and EDA (WAAM, DED, Powder Bed)**
Dough Hall, Battelle Memorial Institute
- **User presentations (using MMPDS with EDA)**
- **Closing and discussion**