

Thermo-Software

Computational Thermodynamics and Kinetics Seminar

Welcome to the Thermo-Calc Software user group meeting in World Trade Center in Stockholm on June 14th, 2018.

PROGRAM:

- 09.00 – 09.45** *Registration and coffee with sandwich*
- 09.45 – 10.00** **Welcome and Introduction**
Dr. Anders Engström, Thermo-Calc Software
- 10.00 – 10.45** **News from Thermo-Calc Software: Thermo-Calc, DICTRA, TC-PRISMA and databases**
Dr. Johan Jeppsson and Dr. Qing Chen, Thermo-Calc Software
- 10.45 – 11.15** **QuesTek's ICME approach, and the design of alloys for additive manufacturing**
Dr. Ida Berglund, QuesTek Innovations LLC, USA
- 11.15 – 11.30** *Short break with fruits and water*
- 11.30 – 11.50** **Thermo-Calc Software and industrial applications**
Dr. Hans Magnusson, KIMAB, Sweden
- 11.50 – 12.10** **Development of gas atomized metal powder products at Erasteel with help from Thermo-Calc software**
Dr. Stefan Sundin, Erasteel, Sweden
- 12.10 – 12.30** **Höganäs alloy labs and applications of computational thermodynamics to powder materials**
Docent Karin Frisk, Höganäs, Sweden
- 12.30 – 13.45** *Lunch*
- 13.45 – 14.15** **ICME and MGI activities in China**
Prof. Hang Su, Chinese Iron & Steel Research Institute (CISRI), China
- 14.15 – 14.45** **Improved simulations of additive manufacturing through Thermo-Calc**
Paul Mason, Thermo-Calc Software Inc., USA
- 14.45 – 15.15** **Incorporating the CALPHAD method for modelling the microstructure formation during additive manufacturing of Ni superalloys**
Dr. Toni Ivas, EMPA, Switzerland
- 15.15 – 15.45** *Coffee break*
- 15.45 – 16.05** **Bridging experimental investigations and thermodynamic modelling in high temperature corrosion**
Dr. Sedigheh Bigdeli, HTC center, Chalmers University of Technology, Sweden
- 16.05 – 16.25** **Computational thermodynamics to design bulk metallic glasses – what is needed?**
Prof. John Ågren, KTH, Sweden
- 16.25 – 17.00** **Open discussion in groups divided by personal interest**

REGISTRATION:

Please send your registration for the seminar via E-Mail before June 1 with your full name and address to: Thermo-Calc Software AB, info@thermocalc.com. Please indicate if any special requirements for food are needed, such as vegetarian or non-dairy.

Seminar fee: 400 kr

LOCATION: World Trade Center (New York Hall)
Klarabergsviadukten 70, Stockholm
www.wtc.se

WELCOME!

For more information about Thermo-Calc, please visit:

www.thermocalc.com