Thermo-Calc ▲ Software

Computational Thermodynamics and Kinetics Seminar

Welcome to the Thermo-Calc Software user group meeting in Four Points by Sheraton Josun Seoul Station, 20F SEMINAR ROOM in Seoul **on September 27th, 2024.**

PROGRAM:

09.00 – 09.45 *Registration and coffee with cookies*

09.45 – 10.00 **Welcome and Introduction**
  Johan Bratberg, Thermo-Calc Software

10.00 – 10.25 **Diffusion simulation on transient liquid phase bonding of alloys**
  Chang-Seok Oh, KIMS

10.25 – 10.50 **Thermodynamic data for Al model development, alloy design and process optimization**
  Ki-Sub Cho, Kookmin University

10.50 – 11.10 *Short break*

11.10 – 12.00 **News from Thermo-Calc Software: Thermo-Calc, DICTRA, TC-PRISMA and databases**
  Johan Bratberg, Thermo-Calc Software

12.00 – 13.30 *Lunch*

13.30 – 14.00 **Thermo-Calc Software's Additive Manufacturing module – Introduction and application examples**
  Andreas Markström, Thermo-Calc Software

14.00 – 14.25 **Coarsening behavior of Cr2B of borated stainless steel (DICTRA)**
  Jae-Hoon Jang, KIMS

14.25 – 15.15 **Various usage of TC-Python coupling with external applications on metallurgy and machine learning**
  Seonghwan Kim, Thermo-Calc Software Korea

15.15 – 15.45 *Coffee break*

15.45 – 16.10 **Integrated computational materials engineering for fire-resistant steels**
  Kyoung-Doc Kim, POSTECH GIFT

16.10 – 16.40 **Demonstration of the Process Metallurgy module in Thermo-Calc**
  Nicholas Grundy, Thermo-Calc Software

WELCOME!

For more information about Thermo-Calc, please visit:

www.thermocalc.com