Thermo-Calc▲Software

Computational Thermodynamics and Kinetics Seminar

Welcome to the Thermo-Calc Software user group meeting in Shilla Stay Samsung 19F in Seoul **on November 24th, 2023.**

PROGRAM:

09.00 – 09.45 *Registration and coffee with cookies*

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

10.00 – 10.20 **Strategy for corrosion behavior prediction using Multiphysics simulation**
Kunok Chang, Kyung Hee University

10.20 – 11.25 **News from Thermo-Calc Software: Thermo-Calc, DICTRA, TC-PRISMA and databases**
Johan Bratberg, Thermo-Calc Software

11.25 – 11.45 *Short break*

11.45 – 12.10 **A CALPHAD approach to potential problems from metal scrap recycling**
Minwoo Kang, Hyundai-Motors

12.10 – 14.00 *Lunch*

14.00 – 14.25 **Demonstration of the new Additive Manufacturing module in Thermo-Calc**
Andreas Markström, Thermo-Calc Software

14.25 – 14.50 **Coarsening behavior of Cr2B of borated stainless steel (DICTRA)**
JaeHoon Jang, KIMS

14.50 – 15.15 **Modeling procedure of developing pure Al thermodynamic database**
DongEung Kim, KITECH

15.15 – 15.45 *Coffee break*

15.45 – 16.10 **Designing ultrahigh strength martensitic steels: An integration of AI and thermodynamic approaches**
KiSub Cho, Kookmin University

16.10 – 16.35 **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