

Tuesday May 13 – 14:00 → 15:40
Alloy Development II: Co-Based Alloys
Chairmen : S. Drawin & A. Suzuki

14:00 - Recent Progress in Co-base Superalloys-Phase Equilibria and Applications

Kiyohito Ishida

Tohoku University, Sendai, JP

14:20 - Vacuum Induction Melting and Vacuum Arc Remelting of Co-Al-W-X Gamma-Prime Superalloys

Erin McDevitt

ATI Allvac, Monroe, USA

14:40 - Influence of Rhenium in γ' -Strengthened Co-Base Superalloys

Christopher Zenk, Holger Rammensee, Steffen Neumeier, Mathias Göken
FAU Erlangen-Nürnberg, Erlangen, DE

15:00 - Mechanical Properties of Co-Based Alloys with L₁₂ Cuboidal Precipitates

Okamoto Norihiko, Haruyuki Inui

Kyoto University, Kyoto, JP

15:20 - The Properties of New Co-Base Superalloy Single Crystals

Mike Titus¹, Alessandro Mottura², Yolita Eggeler¹, Robert Rhein¹, Tresa Pollock¹

¹Univ of California Santa Barbara, Santa Barbara CA, USA, ²University of Birmingham, Birmingham, GB

