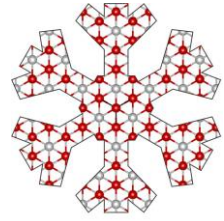


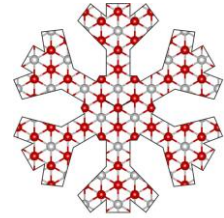
BCCSNOW

Thursday, February 8th, 2024

13:00 – 13:30	Arrival and Check at Plansee
14:00 – 14:30	Opening Reception and Plansee Intro Plansee Tour
16:00	Poster Session
19:30	Dinner



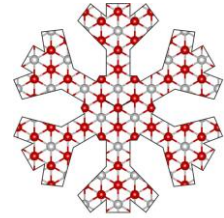
BCCSNOW



BCCSNOW

Friday, February 9th, 2024

TIME	NAME	TITLE	AFFILIATION
09:00	Opening Address		
09:10	Alexander Kaufmann	Overcoming the fundamental barriers for novel high temperature materials: oxidation and ductility	Karlsruhe Institute of Technology (KIT)
09:30	Alex Carruthers	BCC-based superlattice phases in the Ta-Ru binary system	University of Manchester (UoM)
09:50	Sandy Knowles	Bcc-Superalloys: bcc refractory metals reinforced by ordered-bcc intermetallic precipitates	University of Birmingham (UoB)
10:10	Coffee Break (40 Min)		
10:50	Vincent Gagneur	A High-throughput technique for characterizing slip in bcc and B2 compounds	University of Birmingham (UoB)
11:10	Christopher Zenk	Mechanical Properties of α'/α'' -Strengthened Fe-base Superalloys	Friedrich-Alexander-University Erlangen-Nürnberg (FAU)
11:30	Kan Ma	Chromium-based bcc-superalloys strengthened by iron supplements	University of Birmingham (UoB)
11:50	Steffen Neumeier	Optimizing $\alpha/\alpha'/\alpha''$ CrFeNiAlTi-based superalloys - combinatorial alloy development using diffusion couples	Friedrich-Alexander-University Erlangen-Nürnberg (FAU)
12:10	Carl-Magnus Lancelot	Aspects of A2+B2 superlattice predictions using Thermo-Calc	Thermo-Calc Software (TCHEA)
12:30	Lunch (110 Min)		
14:20	Eric Lass	Thermodynamics and Phase Transformation Pathways in BCC-B2 Refractory Superalloys	University of Tennessee Knoxville (UTK)



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14:40	Shalini Koneru	Computationally aided design of microstructurally engineered multi-principal element alloys	The Ohio State University (OSU)
15:00	Bryan Crossman	Characterization of Microstructure and Deformation Behavior of Several AlNbTaTiVZr Refractory Complex Concentrated Alloys (RCCAs)	The Ohio State University (OSU)
15:20	Leonardo Agudo Jácome	The Al ₄ -xZr ₅ (Ox-y) Trojan horse in the AlMo _{0.5} NbTiTa _{0.5} Zr refractory high entropy superalloy	Bundesanstalt für Materialforschung und -prüfung (BAM)
15:40	Coffee (20 Min)		
16:00	Sebastian Kube	Navigating the BCC-B2 Refractory Alloy space: Stability and thermal processing with Ru-B2 precipitates	University of Wisconsin – Madison (UW-Madison)
16:20	Jan Vollhüter	Additively manufactured (Cr,Mo)-NiAl eutectic alloys	Friedrich-Alexander-University Erlangen-Nürnberg (FAU)
16:40	Anke Silvia Ulrich	Cr-Si-alloys for High-Temperature Applications	University of Bayreuth (UBT)
17:00	Rosie Mellor	Precipitate nanostructuring that enhances lattice compatibility in a Ti-Fe-Al alloy	University of Cambridge (UoC)
17:20	Ed Pickering	Development of Low-Activation V-based HEAs for Fusion Applications	University of Manchester (UoM)
17:40	Posters and Discussion		
18:30	End		