

<u>Start</u>	<u>Wednesday</u>			
<u>Time</u>	<u>Heritage Room</u>	<u>Title</u>	<u>Speaker</u>	<u>ID #</u>
7:00 AM				
7:15 AM				
7:30 AM				
7:45 AM				
8:00 AM				
8:15 AM				
8:30 AM				
8:45 AM				
9:00 AM				
9:15 AM				
9:30 AM	Break			
9:45 AM	Break			
10:00 AM	High Entropy Alloys and High Cr Steels	High entropy alloys to compositionally complex alloys: Relevance of Atomprobe tomography as a high-throughput characterization tool	K.G. Pradeep	183
10:15 AM	(Invited)			
10:30 AM	High Entropy Alloys and High Cr Steels	Investigation of clusters in AlxCoCrFeNi high entropy alloys	Talukder Alam	139
10:45 AM	High Entropy Alloys and High Cr Steels	Ordering in Al-containing Refractory High Entropy Alloys Analyzed by Complemental Microstructure Characterization Techniques	Sascha Seils	142
11:00 AM	High Entropy Alloys and High Cr Steels	Modifying transformation pathways in High Entropy Alloys or Complex Concentrated Alloys via thermo-mechanical processing	Bharat Gwalani	155
11:15 AM	High Entropy Alloys and High Cr Steels	Effect of Carbon Addition in CrNbTaTiW High Entropy Alloy: An Atom Probe Study	Deodatta Shinde	132
11:30 AM	Break			
11:45 AM	Break			
12:00 PM	Break			
12:15 PM	Break			
12:30 PM	Break			
12:45 PM	Break			
1:00 PM	High Entropy Alloys and High Cr Steels	Understanding Irradiation Induced Defects in Multicomponent Alloys	Jonathan Poplawsky	88
1:15 PM	(Invited)			
1:30 PM	High Entropy Alloys and High Cr Steels	Accelerated atomic-scale exploration of phase evolution in compositionally complex materials	Yujiao Li	68
1:45 PM	High Entropy Alloys and High Cr Steels	The influence of an external load and grain orientation on spinodal decomposition in Fe-Cr	Alexander Dahlström	130
2:00 PM	High Entropy Alloys and High Cr Steels	Compositional aspects behind the austenite stabilization in a 12Cr-6Ni-2Mo-0.02C-0.13Ti supermartensitic stainless steel	Julian D Escobar	195
2:15 PM	High Entropy Alloys and High Cr Steels	Mechanistic study of microstructural evolution of ferrite/ austenite phase boundary in cast duplex stainless steels after 10000 hours thermal aging	Timothy G. Lach	227
2:30 PM	High Entropy Alloys and High Cr Steels	Phase Separation near the Ferrite/Austenite Interface of a Duplex Stainless Steel	Gang Sha	39
2:45 PM	High Entropy Alloys and High Cr Steels	Effects of Thermal Ageing and Neutron Irradiation on a Stainless Steel Weld	Kristina Lindgren	90
3:00 PM	Break			
3:15 PM	Break			
3:30 PM	Instrument & Technique Development	Advanced Approaches to FIB-based Specimen Preparation of Cryogenically-prepared Specimens	Daniel Perea	230
3:45 PM	Instrument & Technique Development	Atom Probe of gas exposed metallic surfaces : Isotopic and surface studies	Daniel Haley	45
4:00 PM	Instrument & Technique Development	Simplifying Observation of Hydrogen Trapping in Atom Probe Tomography	Yi-Sheng Chen	161
4:15 PM	Instrument & Technique Development	LEAP® Analysis Conditions and Specimen Survivability	Ty J. Prosa	105
4:30 PM	Instrument & Technique Development	Evaluation of the Atomic Level Mass Analysis of Biomolecules by the Scanning Atom Probe Alternately Triggered by Voltage and Laser Pulses	Osamu Nishikawa	1
4:45 PM				
5:00 PM				
5:15 PM				
5:30 PM				
5:45 PM				
6:00 PM				
6:15 PM				
6:30 PM				
6:45 PM				
7:00 PM				