

ICHEM 2016 Oral Program

11/7 Monday morning

Opening / Plenary / Keynotes (Auditorium)	
08:20-08:25 OPNG	Opening
08:25-08:30 OPS01	Opening Address 1 H. Hocheng; National Tsing Hua University, Taiwan
08:30-08:35 OPS02	Opening Address 2 L. J. Chen; National Tsing Hua University, Taiwan
08:35-08:40 OPS03	Opening Address 3 Y. M. Peng; Industrial Technology Research Institute, Taiwan
08:40-08:50 OPS04	Opening Address 4 J. W. Yeh; National Tsing Hua University, Taiwan
08:50-08:55 OPS05	Opening Address 5 P. K. Liaw; The University of Tennessee
08:55-09:00 OPS06	Opening Address 6 O. N. Senkov; Air Force Research Laboratory, USA
09:00-09:05 OPS07	Opening Address 7 B. Cantor; University of Bradford, UK
09:05-09:10 OPS08	Opening Address 8 S. Ranganathan; Indian Institute of Science, India
09:10-09:50 OPL01	FCC High Entropy Alloys Strengthened by Intermetallic Precipitates (Plenary): C. T. Liu; City University of Hong Kong, Hong Kong
09:50-10:20 OPK01	A Critical Review of High Entropy Alloys and Related Concepts (Keynote): Daniel B. Miracle; AF Research Laboratory, USA
10:20-10:40	Break
10:40-11:10 OPK02	On the Fracture Toughness and Fatigue-Crack Propagation Properties of CrCoNi-Based Medium- and High-Entropy Alloys at Ambient to Cryogenic Temperatures (Keynote): Robert O. Ritchie; University of California Berkeley, USA
11:10-11:40 OPK03	Low Density High Entropy Alloys (Keynote): Carl C. Koch; North Carolina State University, USA
11:40-12:10 OPK04	Phase Stability and Mechanical Properties of FCC High-Entropy Alloys (Keynote): Easo P. George; Ruhr University Bochum, Germany
12:10-13:30	Lunch

ICHEM 2016 Oral Program

11/7 Monday afternoon

Mechanical Properties I (Room A) Session Chair(s): Jean-Philippe Couzinie, ICMPE (CNRS / UPEC)	
13:30-13:50 MPV01	Compositionally Complex Alloys, CCA (High Entropy Alloys, HEA) as High Temperature Materials and Introduction to New German Priority Programme (Invited): Uwe Glatzel; University Bayreuth, Germany
13:50-14:10 MPV02	Effect of Thermomechanical Processing on Structure and Mechanical Properties of the CoCrFeNiMn High Entropy Alloy (Invited): Nikita Stepanov; Belgorod State University, Russian Federation
14:10-14:30 MPO01	Hardening Mechanisms in Refractory High-Entropy Alloys: Progress and Challenges: Jean-Philippe Couzinie; ICMPE (CNRS / UPEC), France
14:30-14:50 MPO02	How to Improve Solid-Solution Hardening of Cr-Fe-Mn-Co-Ni HEA?: Mathilde Laurent-Brocq; ICMPE, France
14:50-15:10 MPO03	Yield Strength Increasing 3-Times by Grain Refinement for Al_{0.3}CoCrFeNi High-Entropy Alloy Wires: Dongyue Li; University of Science and Technology Beijing, China
15:10-15:30 MPO04	Sheet Metal Forming Behavior of FeCrCoNiMn High-Entropy Alloys: JaeWung Bae; Pohang University of Science and Technology, Korea
15:30-15:50	Break
15:50-17:30	Poster Session
18:00-20:00	Banquet

ICHEM 2016 Oral Program

11/7 Monday afternoon

Physical Metallurgy and Solid State Physics I (Room B)	
Session Chair(s): B. S. Murty, IIT Madras	
13:30-13:50 PMV01	Extension of Pettifor Structure Maps to Multicomponent Alloys (Invited): S. Ranganathan; Indian Institute of Science, India
13:50-14:10 PMV02	Challenges in the Understanding of Phase Formation in High Entropy Alloy (Invited): B. S. Murty; IIT Madras, India
14:10-14:30 PMO01	Design of Al-Ti-Containing Light-Weight High Entropy Alloys Based on Binary Phase Diagrams: Young-Sang Na; Korea Institute of Materials Science, Korea
14:30-14:50 PMO02	The Phase Stability of Equiatomic CoCrFeMnNi High-Entropy Alloy: Comparison between Experiment and Calculation Results: N. Park; Yeungnam University, Korea
14:50-15:10 PMO03	A Combinatorial Assessment of $Al_xCrCuFeNi_2$ ($0 < x < 1.5$) Complex Concentrated Alloys: Microstructure, Microhardness, and Magnetic Properties: Rajarshi Banerjee; University of North Texas, USA
15:10-15:30 PMO04	Phase Separation of Metastable CoCrFeNi High Entropy Alloy at Intermediate Temperatures: Feng He; Northwestern Polytechnical University, China
15:30-15:50	Break
15:50-17:30	Poster Session
18:00-20:00	Banquet

ICHEM 2016 Oral Program

11/7 Monday afternoon

High-temperature and Radiation-resistant Materials I (Room C) Session Chair(s): Ho Jin Ryu; Korea Advanced Institute of Science and Technology	
13:30-13:50 HRV01	Exploration and Development of Refractory Multiprincipal Element Alloys for Elevated Temperature Applications (Invited): O. N. Senkov, Air Force Research Laboratory, USA
13:50-14:10 HRV02	High Temperature Metal Matrix Composites (Invited): Sergei T. Mileiko; Institute of Solid State Physics of RAS, Russian Federation
14:10-14:30 HRV03	Sintering and Mechanical Properties of P/M Refractory High Entropy Alloys (Invited): Ho Jin Ryu; Korea Advanced Institute of Science and Technology, Korea
14:30-14:50 HRO01	Development of Single Phase TiVZrNbMo High Entropy Alloys with High Strength and Ductility: Hyunseok Oh; Seoul National University, Korea
14:50-15:10 HRO02	Oxidation of a Complex Refractory High Entropy Alloy: Kai-Chi Lo; National Tsing Hua University, Taiwan
15:10-15:30 HRO03	Mechanical Behaviour of CrMoNbTiW Refractory High Entropy Alloy: Lavanya Raman; IIT Madras, India
15:30-15:50	Break
15:50-17:30	Poster Session
18:00-20:00	Banquet

ICHEM 2016 Oral Program

11/7 Monday afternoon

Structure and Characterization (Room D)	
Session Chair(s): Pinaki P. Bhattacharjee, Indian Institute of Technology Hyderabad	
13:30-13:50 SCV01	Deviations from High-Entropy Configurations in the $Al_xCoCrCuFeNi$ Alloys (Invited): Peter K. Liaw; The University of Tennessee, USA
13:50-14:10 SCV02	In-Situ Transmission Electron Microscopy of Dislocation and Slip Activities in High Entropy Alloy Nanopillars (Invited): Jian Min Zuo; Univ. Illinois, USA
14:10-14:30 SCV03	Annealing Texture of FCC Equiatomic CoCrFeMnNi High Entropy Alloy (Invited): Pinaki P. Bhattacharjee; Indian Institute of Technology Hyderabad, India
14:30-14:50 SCV04	A Promising New Class of Alloys: Eutectic High Entropy Alloys (Invited): Yiping Lu; Dalian university of technology, China
14:50-15:10 SCO01	Microstructure of Hot Deformed $AlCoCrFeNi_{2.1}$ Eutectic High Entropy Alloy: Mohammad Jahazi; Ecole de Technologie Supérieure, Canada
15:10-15:30 SCO02	Effect of Mn on Microstructure and Hardness of $AlCr_{1.5}CuFeNi_2Mn_x$ ($X = 0, 0.25, 0.5, 0.75, 1$ in Molar Ratio) High-Entropy Alloys: Vikas Kukshal; National Institute of Technology, Uttarakhand, India
15:30-15:50	Break
15:50-17:30	Poster Session
18:00-20:00	Banquet

ICHEM 2016 Oral Program

11/8 Tuesday morning

Mechanical Properties II (Room A)	
Session Chair(s): Rajiv S. Mishra, Univ. of North Texas; Eun Soo Park, Seoul National Univ.	
08:20-08:40 MPV03	Dynamic response of Al_{0.3}CoCrFeNi high-entropy alloy: Remarkable resistance to shear localization (Invited): Marc A. Meyers; University of California, USA
08:40-09:00 MPV04	A Framework for Plastic Deformation in Complex Concentrated Alloys Including High Entropy Alloys (Invited): Rajiv S. Mishra; University of North Texas, USA
09:00-09:20 MPO05	Experimental and Computational Investigation of High-Entropy Alloys for Elevated-Temperature Applications: P. K. Liaw; University of Tennessee, Knoxville, USA
09:20-09:40 MPO06	Mechanical Behaviour of AlCoCrFeNi High Entropy Alloy Using In-Situ Electron Backscatter Diffraction: Ehsan Ghassemali; Jönköping University, Sweden
09:40-10:00 MPO07	Fabrication, Structure and Mechanical Properties of High Entropy CrMnFeCoNi Alloy Nanopillars: Ziyang He; Iowa State university, USA
10:00-10:20	Break
10:20-10:40 MPV05	Structure Factors Governing Unique Mechanical Properties of FCC High Entropy Alloys Through Complex Mechanism (Invited): Eun Soo Park; Seoul National University, Korea
10:40-11:00 MPV06	An Ultra-strong High-Entropy Alloy Strengthened by Faulted Precipitates (Invited): J. J. Kai; City University of Hong Kong, Hong Kong
11:00-11:20 MPV07	On the Damage Tolerance of the FCC High-Entropy Alloy CrMnFeCoNi between Room Temperature and Liquid Nitrogen Temperatures (Invited): Bernd Gludovatz; Lawrence Berkeley National Laboratory, USA
11:20-11:40 MPO08	Shape Memory Effect in HEAs: Yuhe Huang; University of Sheffield, UK
11:40-12:00 MPO09	Recrystallization of Co₂₀Cr₂₆Fe₂₀Mn₂₀Ni₁₄ High-entropy Alloy after High-Pressure Torsion Process at Cryogenic Temperature: Jongun Moon; POSTECH, Korea
12:00-13:30	Lunch

ICHEM 2016 Oral Program

11/8 Tuesday afternoon

Mechanical Properties III (Room A) Session Chair(s): Ian Baker, Dartmouth College; Ravi Sankar Kottada, IIT Madras	
13:30-13:50 MPV08	Utilizing Interstitial Strengthening in High-Entropy FeNiMnAlCr Alloys (Invited): Ian Baker; Dartmouth College, USA
13:50-14:10 MPV09	Effects of Mn and V on Microstructure and Mechanical Properties of AlCoCrNi High Entropy Alloy (Invited): Elyorjon Jumaev; Sejong University, Korea
14:10-14:30 MPO10	A Study on the Relationship between Microstructure and Mechanical Properties of Dual-Phase High Entropy Alloys: Ka-Ram Lim; Korea Institute of Materials Science, Korea
14:30-14:50 MPO11	Microstructure and Mechanical Behaviors of CoCrFeNiZr_x High-Entropy Alloys: Gong Li; Yanshan University, China
14:50-15:10 MPO12	Microstructure and Mechanical Properties of a AlCoCrFeNi_{2.1} Eutectic High Entropy Alloy: Tilak Bhattacharjee; Kyoto University, Japan
15:10-15:30 MPO13	Fractographic Analysis and Bending Strength of AlCoCrFeNiTi_{0.5} Powder High Entropy Alloy: Igor Moravcik; Brno University of Technology, Czech Republic
15:30-15:50	Break
15:50-16:10 MPO14	Creep of CoCrFeNi High Entropy Alloy: Ravi Sankar Kottada; Indian Institute of Technology Madras, India
16:10-16:30 MPO15	CoCrFeNiNb_x Eutectic High Entropy Alloys: Design, Microstructures and Mechanical Properties: Zhijun Wang; Northwestern Polytechnical University, China
16:30-16:50 MPO16	A Novel Non-Equiatomic Ti₄₀Nb₂₀Cr₂₀V₁₀Al₁₀ High-Entropy Alloy With Attractive Mechanical Properties: Nikita Yurchenko; Belgorod National Research University, Russian Federation
16:50-17:10 MPO17	Mechanical and Microstructure Properties of FeCoNi(Al B)Si Eutectic High Entropy Alloys: Norhuda Nordin; University of Sheffield, UK

ICHEM 2016 Oral Program

11/8 Tuesday morning

Material and Process Development I (Room B)	
Session Chair(s): Alan A. Luo, Ohio State Univ.; Matthew J Kramer, Ames Lab./Iowa State Univ.	
08:20-08:40 MDV01	Development of Lightweight High-Entropy Alloys Using Calphad Modeling and Experimental Validation (Invited): Alan A. Luo; The Ohio State University, USA
08:40-09:00 MDV02	Gas Atomization of High Entropy AlCoCrCuFeNiSi Alloys for Additive Manufacturing (Invited): Chih-Chao Yang; Industrial Technology Research Institute, Taiwan
09:00-09:20 MDO01	Three Strategies for the Design of Advanced High-Entropy Alloys: Ming-Hung Tsai; National Chung Hsing University, Taiwan
09:20-09:40 MDO02	Exploration of High Entropy Alloys in Alternative Metal Systems: Stavrina Dimosthenous; University of Sheffield, UK
09:40-10:00 MDO03	Liquid-Liquid Phase Separation in a CoCrCuFeNi High Entropy Alloy: Tong Guo; Northwestern Polytechnical University, China
10:00-10:20	Break
10:20-10:40 MDV03	Accelerated Materials Discovery and Optimization for High Temperature Applications (Invited): Matthew J Kramer; Ames Laboratory/Iowa State University, USA
10:40-11:00 MDV04	Fabrication and Properties of Cu-rich High-Entropy Alloys and High Entropy Metallic Glass (Invited): Ye Pan; Southeast University, China
11:00-11:20 MDO04	Development of a New High Entropy Alloy for Wear Resistance: Marco Gabriele Poletti; Università di Torino, Italy
11:20-11:40 MDO05	Effect of Aluminium Content and Grain Size on Oxidation Behavior of Al_xCoCrFeNi (x=0, 0.3, 0.6, 1 mole) High Entropy Alloy: Rahul Bhattacharya; Indian Institute of Technology Madras, India
11:40-12:00 MDO06	Fabrication Of High Entropy Alloy Composite (Phase Analysis, Microstructure And Mechanical Properties): Lokeshwaran Kandaswamy; MSEC, Anna University, India
12:00-13:30	Lunch

ICHEM 2016 Oral Program

11/8 Tuesday afternoon

Material and Process Development II (Room B)	
Session Chair(s): Isaac Chang, Brunel University London; Yong Liu, Central South University	
13:30-13:50 MDV05	Mapping of the Phase Field of FCC Solid Solution in CrCoFeMnNi High Entropy Alloy Using Diffusion Couples Approach (Invited): Isaac Chang; Brunel University London, UK
13:50-14:10 MDV06	Influence of Microstructural Length Scale on Microstructure and Mechanical Behavior of High Entropy Alloys (Invited): Fei Chen; Wuhan University of Technology, China
14:10-14:30 MDO07	Metastable Phase Formation in a CoCrFeNi High Entropy Alloy: Jun Wang; Northwestern Polytechnical University, China
14:30-14:50 MDO08	Effect of Atomic Size Difference on the Type of Major Intermetallic Phase in the CoCrFeNi_x High-Entropy Alloys: Ming-Hung Tsai; National Chung Hsing University, Taiwan
14:50-15:10 MDO09	Phase Discrimination of HEA Phases Present in Compositions Using Averaged Electronegativity: Zhaoyuan Leong; University of Sheffield, UK
15:10-15:30 MDO10	Phase Selection in High Entropy Alloys: Gautam Anand; The University of Sheffield, UK
15:30-15:50	Break
15:50-16:10 MDV07	Powder Metallurgical High Entropy Alloys (Invited): Yong Liu; Central South University, China
16:10-16:30 MDV08	The Oxidation Behavior of the Quinary FeCoNiCrSi_x High-Entropy Alloys (Invited): W. Kai, National Taiwan Ocean University, Taiwan
16:30-16:50 MDO11	A Study on the Characteristics of Ni-Cr-Mn-Y Based Thin Film Resistors: Ying-Chieh Lee; National PingTung University of Science and Technology, Taiwan
16:50-17:10 MDO12	Comparative Study on Sintering Kinetics of As-Milled and Annealed CoCrFeNi High Entropy Alloy Powders: Rahul B Bapurao Mane; Indian Institute of Technology Hyderabad, India
17:10-17:30 MDO13	Microstructural and Nanomechanical Properties of Plasma Sprayed AlCoCrFeNi and MnCoCrFeNi High Entropy Alloys: Ameey Anupam; Indian Institute of Technology Madras, India

ICHEM 2016 Oral Program

11/8 Tuesday morning

Physical Metallurgy and Solid State Physics II (Room C) Session Chair(s): U. Glatzel, Bayreuth University	
08:20-08:40 PMV03	A Brief Review of High Entropy Alloys (Invited): Yong Zhang; USTB, China
08:40-09:00 PMV04	Recrystallization and Grain Growth of (CoCrFeNi)₉₅Cu₅ High Entropy Alloy (Invited): Nobuhiro Tsuji; Kyoto University, Japan
09:00-09:20 PMO05	Designing and characterizing a High Entropy gamma/gamma prime 'superalloy': Bharat Gwalani; University of North Texas, USA
09:20-09:40 PMO06	Multi-Phase Refining of AlCoCrFeNiTi_x High Entropy Alloys by Hot Compression: Kwang Seok Lee; Korea Institute of Materials Science, Korea
09:40-10:00 PMO07	A Cuboidal B2 Nanoprecipitation-Enhanced Body-Centered-Cubic Alloy Al_{0.7}CoCrFe₂Ni with Prominent Tensile Properties: Qing Wang; Dalian University of Technology, China
10:00-10:20	Break
High-temperature and Radiation-resistant Materials II (Room C) Session Chair(s): Sheng Guo, Chalmers University of Technology	
10:20-10:40 HRV04	Thermal Stabilities of High Entropy Alloys (Invited): Hideyuki Murakami; National Institute for Materials Science, Japan
10:40-11:00 HRV05	Tuning Ductility for Refractory High-Entropy Alloys (Invited): Sheng Guo; Chalmers University of Technology, Sweden
11:00-11:20 HRO04	Irradiation Induced Solid State Amorphization in High Entropy Alloys (HEAs) Investigated by High Voltage Electron Microscopy (HVEM): Takeshi Nagase; Osaka University, Japan
11:20-11:40 HRO05	Irradiation Responses of High-Entropy Alloys at Elevated Temperatures: Songqin Xia; University of Science and Technology Beijing, China
11:40-12:00 HRO06	In-situ neutron diffraction studies on high-temperature deformation behavior in a CoCrFeMnNi high entropy alloy: Wanchuck Woo; Korea Atomic Energy Research Institute, Korea
12:00-13:30	Lunch

ICHEM 2016 Oral Program

11/8 Tuesday afternoon

Physical, Chemical and Functional Properties (Room C)	
Session Chair(s): Hyoung Seop Kim, POSTECH	
13:30-13:50 FPO01	New in Study of High-Entropy Alloys $Al_xFeNiCoCuCr$: Volodymyr Nadutov; G.V. Kurdyumov Institute for Metal Physics of N.A.S. of Ukraine, Ukraine
13:50-14:10 FPO02	Complex Magnetism of Ho-Dy-Y-Gd-Tb Hexagonal High-Entropy Alloy: Janez Dolinsek; Jozef Stefan Institute, Slovenia
14:10-14:30 FPO03	Development of a Novel High-Entropy Alloy with Eminent Efficiency of Degrading Azo Dye Solutions: Xiongjun Liu; University of Science and Technology Beijing, China
14:30-14:50 FPO04	Hydrogen Storage Properties of Multi-Principal-Component $Cr_uFe_vMn_wTi_xV_yZr_z$ Alloys: Po-Han Lee; Affiliated Senior High School of National Taiwan Normal University, Taiwan
14:50-15:10 FPO05	Discovery of Rare-Earth High-Entropy Alloys with Giant Magnetocaloric Effect: Yuan Wu; University of Science and Technology Beijing, China
15:10-15:30 FPO06	Study of the Corrosion Behaviors Through the Electron-Work Function of $Al_xCoCrFeNi$ High-Entropy Alloys: Yunzhu Shi; University of Science & Technology Beijing, China
15:30-15:50	Break
Mechanical Properties IV (Room C)	
Session Chair(s): Anna Manzoni, Helmholtz-Zentrum Berlin für Materialien und Energie GmbH	
15:50-16:10 MPO18	Evolution of Microstructure and Crystallographic Texture During Cold and Cryo Rolling of a Novel Single Phase FCC-Based $MnFeCoNiCu$ High Entropy Alloy: Krishanu Biswas; Indian Institute of Technology Kanpur, India
16:10-16:30 MPO19	The influence of Hf trace element on the $Al_{10}Co_{25}Cr_8Fe_{16}Ni_{36}Ti_6$ high entropy alloy: Anna Manzoni; Helmholtz-Zentrum Berlin für Materialien und Energie GmbH, Germany
16:30-16:50 MPO20	Microstructure and Properties of $CoCrFeNiTa_{0.5}$ High-Entropy Alloy: Wenyi Huo; Southeast University, China
16:50-17:10 MPO21	Effects of Hydrogen on the Nanomechanical Behavior of $CoCrFeMnNi$ High-Entropy Alloy: Yakai Zhao; Hanyang University, Korea

ICHEM 2016 Oral Program

11/8 Tuesday morning

Simulations and Modeling I (Room D) Session Chair(s): Akira Takeuchi, Tohoku University; Pedro Rivera, University of Cambridge	
08:20-08:40 SMV01	Atomic Level Stresses in High-Entropy Alloys (Invited): Takeshi Egami; University of Tennessee, USA
08:40-09:00 SMV02	High Entropy Alloys Formation and Mechanical Properties Optimisation (Invited): Pedro Rivera; University of Cambridge, UK
09:00-09:20 SMV03	Atomic-Scale Distorted Lattice in Equimolar Complex Alloys (Invited): Yong Yang; City University of Hong Kong, Hong Kong
09:20-09:40 SMO01	First Principles Determination of Entropy: Michael Widom; Carnegie Mellon University, USA
09:40-10:00 SMO02	Constitutive Model for Deformation Behavior of FCC High Entropy Alloys: Min Ji Jang; POSTECH, Korea
10:00-10:20	Break
10:20-10:40 SMV04	Future Prospects of High-Entropy Alloys (HEAs) with Hexagonal Close-Packed, Glassy and Quasicrystalline Structures and Alloy Designs of HEAs Based on Empirical and Statistical Scheme (Invited): Akira Takeuchi; Tohoku University, Japan
10:40-11:00 SMV05	Microstructure and Mechanism-Based Constitutive Modeling of CrMnFeCoNi High Entropy Alloys (Invited): Hyoung Seop Kim; POSTECH, Korea
11:00-11:20 SMV06	Synthesis, Characterization, and Simulation of NiFeCrCoMn Based HEAs (Invited): Douglas L. Irving; North Carolina State University, USA
11:20-11:40 SMO03	An Interatomic Potential for the Co-Cr-Fe-Mn-Ni System and Atomistic Simulations to Understand Physical Metallurgy of High-Entropy Alloys: Byeong-Joo Lee; POSTECH, Korea
11:40-12:00 SMO04	High Entropy Alloy Sluggish Diffusion and Stacking Fault Energy Modeling: Alice Hu; City University of Hong Kong, Hong Kong
12:00-13:30	Lunch

ICHEM 2016 Oral Program

11/8 Tuesday afternoon

<p style="text-align: center;">Simulations and Modeling II (Room D)</p> <p style="text-align: center;">Session Chair(s): Stephane Gorsse, ICMCB-CNRS & Bordeaux INP; Michael C. Gao, National Energy Technology Lab/AECOM</p>	
13:30-13:50 SMV07	<p>The Role of the CALPHAD Approach in the Design of High Entropy Alloys (Invited): Fan Zhang; CompuTherm, LLC, USA</p>
13:50-14:10 SMO05	<p>Database Development for High Entropy Alloys: Challenges and Prospects: Hai-Lin Chen; Thermo-Calc Software AB, Sweden</p>
14:10-14:30 SMO06	<p>Computational Thermodynamics Applied to Complex Concentrated Alloys: Stephane Gorsse; ICMCB-CNRS & Bordeaux INP, France</p>
14:30-14:50 SMO07	<p>In the Quest of Single Phase Multi-Component Multiprincipal High Entropy Alloys: Krishanu Biswas; Indian Institute of Technology Kanpur, India</p>
14:50-15:10 SMO08	<p>The Quinary Cr-Mn-Fe-Co-Ni Phase Diagram: CALPHAD Calculation And Experimental Comparison: Mathilde Laurent-Brocq; ICMPE, France</p>
15:10-15:30 SMO09	<p>Phase Prediction and Validation Studies in AlCoCrMnNi High Entropy Alloy: Guruvidyathri Krishnamoorthy; Indian Institute of Technology Madras, India</p>
15:30-15:50	<p>Break</p>
15:50-16:10 SMV08	<p>Formation, Structures, and Properties of High-Entropy Alloys: Computational Modeling (Invited): Michael C. Gao; National Energy Technology Lab/AECOM, USA</p>
16:10-16:30 SMO10	<p>Phase Coexistence in Al_xFeNiCrCo High Entropy Alloys: Experimental and Theoretical Study: Jakub Cieslak; AGH University of Science and Technology, Poland</p>
16:30-16:50 SMO11	<p>Electronic Structure, Magnetism and Phase Stability of Selected HEA Studied by the KKR-CPA Calculations: Janusz Tobola; AGH University of Science and Technology, Poland</p>
16:50-17:10 SMO12	<p>Predicting the Stability of an HEA: a First-Principles Analysis: Meha Bhogra; Jawaharlal Nehru Centre for Advanced Scientific Research, India</p>
17:10-17:30 SMV09	<p>High Entropy Alloys by Ab Initio Alloy Theory (Invited): Levente Vitos; Royal Institute of Technology (KTH) Stockholm, Sweden</p>