Excellent Poster Award Winners of PRICM10

Symposium	Country	Name	Company	Paper Title
Symposium A: Advanced Steels and Processing	China	Fujian Guo	University of Science and Technology Beijing	Centerline segregation and its influence on variability in mechanical properties of corresponding plates of X70 pipeline steel
Symposium A: Advanced Steels and Processing	China	Chang Wang	Shou Gang Group	Effect of Si-Cr-Mo element of cold rolled duplex steel on oxidation characteristics and surface quality
Symposium A: Advanced Steels and Processing	Korea	ByeongHun Park	Changwon National University	Atomistic view on C partitioning effect into κ-carbide and dislocation behavior by Si addition after aging heat treatment in Fe-Mn-Al-C lightweight cast steel
Symposium B: High Temperature Structural Materials	China	Fan Lu	University of Science and Technology Beijing	Microstructural Evolution of a Nickel-base Single Crystal Superalloy during Long-term Aging at 980℃ for 10000h
Symposium B: High Temperature Structural Materials	China	Bin Gan	Northwestern Polytechnical University	Synergistic Strengthening Symphony of Nanograins, Nanophases and Nanotwins
Symposium C1: Light Metals and Alloys-Al	Japan	Masaki Matsumoto	University of Toyama	Effect of cold-rolling on aging behavior of Al-Cu-Mg alloy with different Cu/Mg ratio
Symposium C1: Light Metals and Alloys-Al	Japan	Zeze Xiao	Hirohshima University	Characterizations of the microstructural and tensile properties of Al-9Si-0.3Fe-0.15Mn alloy with Ti and V additions
Symposium C2: Light Metals and Alloys-Mg	China	Lingyu Zhao	Institute of Metal Research, Chinese Academy of Sciences	The formation and orientation of static recrystallization grains in Mg-Zn-Gd alloys
Symposium C2: Light Metals and Alloys-Mg	Japan	Kenta Oka	Kumamoto University	Bending deformation behavior of Mg-Y alloy single crystals
Symposium C3: Light Metals and Alloys-Ti	Japan	Xi-Long Ma	Hiroshima University	Optimization of both composition and manufacturing process for α-type titanium alloys and their characterizations
Symposium D: Advanced Processing of Materials	Korea	Jaeseung Kim	Seoul National University	A numerical model for evaluating the formability of multi-layered metal-polymer sheet
Symposium E: Thin Films and Surface Engineering	Japan	Moe Kimura	Tohoku University	Structure, Magnetic and Dielectric Properties of Co-SrTiO3 Nano-composite Films

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Symposium G: Smart and Magnetic Materials	China	Shizhong An	Henan University of Science and Technology	Effects of powder particle size and component ratio on the magnetic properties of anisotropic bonded NdFeB/SmCo permanent magnets
Symposium G: Smart and Magnetic Materials	Korea	Seok-Jun Seo	Korea Institute of Industrial Technology	Synthesis and Characterization of Copper Oxalate and Mesoporous Copper Oxide (CuO) Using Inverse Micelle Method
Symposium H: Materials Characterisation and Evaluation	Japan	Yifang Zhao	Kyushu University	High-resolution three-dimensional visualization of dislocations in Mo using weak-beam dark-field electron tomography
Symposium H: Materials Characterisation and Evaluation	Japan	Shota Hisada	Kumamoto University	Effect of thermal cycling on the martensitic transformation behavior in equiatomic CuZr alloy
Symposium H: Materials Characterisation and Evaluation	China	Tingting Jiang	Xi'an Jiaotong University	Electron-beam irradiation induced reversible phase transition of Ge1Sb2Te4
Symposium I: Composite Materials	China	Desheng Chu	Beijing Institute of Aeronautical Materials	Effect of Thermal Exposure on the Interfacial Strength of A Continuous SiC Fiber Reinforecd Aluminum Matrix Composite
Symposium J: Amorphous and High Entropy Alloys	Korea	Hee-Tae Jeong	Hongik University	High-temperature deformation mechanisms and processing maps of equiatomic CoCrFeMnNi high-entropy alloy
Symposium J: Amorphous and High Entropy Alloys	China	Zhiwei Huang	Harbin Institute of Technology (Shenzhen)	Study of electroless Cu-coated CuZrAl metallic glass and their composites both high conductivity and strength
Symposium K: Nanocrystalline Materials, and Ultra-Fine Grained Materials	China	Qi Li	University of Science and Technology in Beijing	Magnetic metal cobalt/reduced graphene oxide (M-Co/RGO) nanocomposites with tunable and high performance electromagnetic wave absorption capabilities
Symposium L: Computational Design and Simulation of Materials	China	Yuxing Zhou	Xi'an Jiaotong University	Ab initio materials design to enable sub-nanosecond memory writing
Symposium M: Renewable Energy and Nuclear Materials	Japan	Hiroshi Yukawa	Nagoya University	2-step degradation of hydrogen permeability through Pd-53mol%Cu alloy membrane with B2 crystal structure at low temperature
Symposium M: Renewable Energy and Nuclear Materials	China	Chaojin Zhou	South China University of Technology	Co-Substitution Enhances the Rate Capability and Cyclic Stability of O3-Type Cathode NaNi0.45-xMn0.25Ti0.3CoxO2 for Sodium-Ion Storage at High Voltage

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Symposium N: Additive Manufacturing and Powder Metallurgy	Australia	Duyao Zhang	Royal Melbourne Institute of Technology	3D Printing High-strength Ti Alloys
Symposium N: Additive Manufacturing and Powder Metallurgy	China	Yulin Sun	Nanjing University of Science and Technology	Effect of energy parameters on microstructure and mechanical properties of Ti-48Al-2Cr-2Nb alloy fabricated by selective electron beam melting
Symposium P: Dynamic Behaviour of Materials	Korea	Daehyun Kwon	University of Ulsan	Effect of Cr and W contents on Charpy impact properties of Fe-Cr-W oxide dispersion strengthened steels