

Symposium Keynote Lecturers and Invited Speakers

Symposium 1 Advanced Steels and Processing

Keynote Lecturers

Prof. Emeritus Masato Enomoto (Ibaraki University)
Prof. Sung-Joon Kim (Pohang University of Science and Technology)
Dr. Laurence Brassart (Monash University)
Prof. David Van Aken (Missouri University of Science and Technology)

Invited Speakers

Assoc. Prof. Junya Inoue (The University of Tokyo)
Assoc. Prof. Toshihiro Tsuchiyama (Kyushu University)
Assoc. Prof. Goro Miyamoto (Tohoku University)
Prof. Xuejun Jin (Shanghai Jiaotong University)
Dr. Hao Chen (Tsinghua University)
Dr. Wei Wang (Bao Steel Co.)
Prof. Young-Kook Lee (Yonsei University)
Prof. Heung Nam Han (Seoul National University)
Dr. Tai-Ho Lee (Korea Institute of Materials Science)
Prof. Peter Hodgson (Deakin University)
Dr. Hossein Beladi (Deakin University)
Prof. Emmanuel De Moor (Colorado School of Mines)

Symposium 2 Advanced High Temperature Structural Materials

Keynote Lecturers

Dr. Hiroshi Harada (National Institute for Materials Science)
Dr. Guoqing Zhang (Beijing Institute of Aeronautical Materials)
Prof. David Young (University of New South Wales)
Prof. Tresa Pollock (University of California)

Invited Speakers

Prof. Takashi Goto (Tohoku University)
Prof. Haruyuki Inui (Kyoto University)
Prof. Masao Takeyama (Tokyo Institute of Technology)
Prof. Jun Zhang (Northwestern Polytechnical University)
Dr. Yizhou Zhou (Chinese Academy of Sciences)
Dr. Yu Tao (Central Iron & Steels Research Institute)
Prof. Hyun Uk Hong (Changwon National University)
Prof. Jeoung Han Kim (Hanbat National University)
Dr. Youngsoo Yoo (Korea Institute of Materials Science)
Prof. Sammy Tin (Illinois Institute of Technology)
Dr. Peter Tortorelli (Oak Ridge National Laboratory)
Prof. Martin Heilmaier (Karlsruhe Institute of Technology)
Prof. Rajarshi Banerjee (University of North Texas)

Symposium 3 Light Metals and Alloys

Keynote Lecturers

Prof. Shoichi Hirosawa (Yokohama National University)
Prof. Yongqing Zhao (Northwest Institute for Nonferrous Metal Research)
Prof. Kwang Seon Shin (Seoul National University)
Dr. Gwénaëlle Proust (The University of Sydney)
Prof. John Allison (University of Michigan)

Invited Speakers

Prof. Makoto Kobashi (Nagoya University)
Prof. Akihiro Nakatani (Osaka University)
Dr. Hideki Fujii (Nippon Steel & Sumitomo Metal Co.)
Prof. Chaoli Ma (Beihang University)
Prof. Yunchang Xin (Chongqing University)
Prof. Gang Liu (Xi'an Jiaotong University)
Prof. Mok-Soon Kim (Inha University)
Prof. Sung Soo Park (Ulsan National Institute of Science and Technology)
Dr. Jong-Taek Yeom (Korea Institute of Material Science)
Prof. Andrej Atrens (The University of Queensland)
Dr. Ross Marceau (Deakin University)
Prof. James C. Earthman (The University of California)
Prof. Christopher Schuh (Massachusetts Institute of Technology)
Prof. Alexey Vinogradov (Togliatti State University)

Symposium 4 Solidification, Deformation and Related Processing

Keynote Lecturers

Assoc. Prof. Munekazu Ohno (Hokkaido University)
Prof. Dianzhong Li (Chinese Academy of Science)
Prof. Chong Soo Lee (Pohang University of Science and Technology)
Prof. Yinong Liu (University of Western Australia)
Dr. George T. Gray III (Los Alamos National Laboratory)

Invited Speakers

Assoc. Prof. Yoshiteru Aoyagi (Tohoku University)
Prof. Tomotsugu Shimokawa (Kanazawa University)
Prof. Debin Shan (Harbin Institute of Technology)
Prof. Xiaoguang Fan (Northwestern Polytechnical University)
Prof. Miaoyong Zhu (Northwestern University)
Prof. Yong Nam Kwon (Korea Institute of Materials Science)
Prof. Gi An Lee (Andong National University)
Prof. Seong Moon Seo (Korea Institute of Materials Science)
Prof. Nick Birbilis (Monash University)
Prof. Huijun Li (University of Wollongong)
Dr. Gui Wang (University of Queensland)
Dr. Amy J. Clarke (Los Alamos National Laboratory)
Prof. Ian. Robertson (University of Wisconsin)
Prof. Peter Schumacher (Leoben University)

Symposium 5 Thin Films and Surface Engineering

Keynote Lecturers

Prof. Ryoichi Nakatani (Osaka University)
Prof. Zheng Xian Li (Northwest Institute of Nonferrous Metal Research)
Prof. Nosang V. Myung (University of California)
Prof. Chang-Beom Eom (University of Wisconsin)

Invited Speakers

Prof. Naoki Wakiya (Shizuoka University)
Dr. Hideki Katayama (National Institute for Materials Science)
Prof. Kazuhisa Azumi (Hokkaido University)
Prof. Shengzhi Hao (Dalian University of Technology)
Prof. Feng Huang (Chinese Academy of Sciences)
Prof. Chonglin Chen (Tsinghua University and University of Texas)
Prof. Bongyoung Yoo (Hanyang University)
Dr. Jae-Hong Lim (Korea Institute of Materials Science)
Dr. Do-Geun Kim (Korea Institute of Materials Science)
Dr. Jian Zhen Ou (RMIT University)
Dr. Torben Daeneke (RMIT University)
Prof. Venkatraman Gopalan (Pennsylvania State University)
Prof. Ravi Vilupanur (California State Polytechnic University)
Prof. Carl V. Thompson (Massachusetts Institute of Technology)
Prof. Thierry Grosdidier (University of Lorraine)

Symposium 6 Biomaterials, Smart Materials and Structures

Keynote Lecturers

Prof. Takayuki Narushima (Tohoku University)
Prof. Yufeng Zheng (Peking University)
Prof. Sei Kwang Hahn (Pohang University of Science and Technology)
Prof. Yin Xiao (Queensland University of Technology)
Prof. Candan Tamerler (University of Kansas)

Invited Speakers

Prof. Ryosuke Kainuma (Tohoku University)
Prof. Takao Hanawa (Tokyo Medical & Dental University)
Prof. Sengo Kobayashi (Ehime University)
Prof. Xianglong Meng (Harbin Institute of Technology)
Prof. Shui-Lin Wu (Hubei University)
Prof. Chengyun Ning (South China University of Technology)
Dr. Hui-Suk Yun (Korea Institute of Materials Science)
Prof. Young Bin Choy (Seoul National University)
Dr. Hojeong Jeon (Korea Institute of Science and Technology)
Dr. Stefan Gulizia (CSIRO)
Dr. Yuncang Li (RMIT University)
Dr. Damon Kent (University of the Sunshine Coast)
Assoc. Prof. Po-Yu Chen (National Tsing Hua University)

Symposium 7 Materials Characterization and Evaluation

Keynote Lecturers

Prof. Emeritus Yo Tomota (Ibaraki University)
Prof. Ze Zhang (Zhejiang University)
Prof. Young-Woon Kim (Seoul National University)
Assoc. Prof. Paul Pigram (La Trobe University)
Assist.Prof. Daniel S. Gianola (University of California)

Invited Speakers

Assoc. Prof. Naoya Shibata (The University of Tokyo)
Assoc. Prof. Kazuto Arakawa (Shimane University)
Prof. Kenji Matsuda (University of Toyama)
Assoc. Prof. Lihua Wang (Beijing University of Technology)
Prof. JinFeng Jia (ShanghaiJiaoTong University)
Prof. Zonghoon Lee (Ulsan National Institute of Science and Technology)
Prof. Yoon-Uk Heo (Pohang University of Science and Technology)
Dr. Vanessa Peterson (Australian Nuclear Science and Technology Organization)
Dr. Sheridan Mayo (CSIRO Manufacturing)
Dr. Luke O'Dell (Deakin University)
Prof. Yoosuf Picard (Carnegie Mellon University)
Dr. Jeffrey R. Bunn (Oak Ridge National Laboratory)
Dr. Cem Tasan (Massachusetts Institute of Technology)

Symposium 8 Composites and Hybrid Materials

Keynote Lecturers

Prof. Shojiro Ochiai (Kyoto University)
Prof. Qiang Guo (Shanghai Jiao Tong University)
Dr. Sangkwan Lee (Korea Institute of Matrerials Science)
Prof. Steven Nutt (University of Southern California)

Invited Speakers

Prof. Junya Inoue (The University of Tokyo)
Dr. Hoshiaki Terao (JFE Precision)
Dr. Yoshihisa Tanaka (National Institute for Materials Science)
Prof. Di Zhang (Shanghai Jiao Tong University)
Prof. Zhiqiang Li (Shanghai Jiao Tong University)
Prof. Sang-Im Yoo (Seoul National University)
Prof. Cheolmin Park (Yonsei University)
Prof. Seokwoo Jeon (Korea Advanced Institute of Science and Technology)
Prof. Stuart Bateman (RMIT University)
Assoc. Prof. Loic LePluart (ENSICAEN)
Prof. Jinglei Yang (Nanyang Technical University)
Prof. Laurentiu Nastac (The University of Alabama)
Prof. Robert Li (City University of Hong Kong)

Symposium 9 Bulk Metallic Glasses, Nanocrystalline Materials and Ultrafine-Grained Materials

Keynote Lecturers

Prof. Shigenobu Ogata (Osaka University)
Prof. Yanglong Hou (Peking University)
Prof. Hyoung Seop Kim (Pohang University of Science and Technology)
Prof. Michael Ferry (The University of New South Wales)
Prof. Takeshi Egami (University of Tennessee)

Invited Speakers

Prof. Hidemi Kato (Tohoku University)
Prof. Naoya Kamikawa (Hirosaki University)
Prof. Hiroki Adachi (University of Hyogo)
Prof. Zhaoping Lu (University of Science and Technology Beijing)
Prof. Liqiang Mai (Wuhan University of Technology)
Prof. Guozhen Shen (Chinese Academy of Sciences)
Prof. Eun Soo Park (Seoul National University)
Dr. Jin-Yoo Suh (Korea Institute of Science and Technology)
Prof. Yuri Estrin (Monash University)
Prof. Julie Cairney (University of Sydney)
Prof. Kenneth Kelton (Washington University)
Dr. Karl F Shamlaye (Swiss Federal Institute of Technology in Zurich)
Prof. Xun Wang (Tsinghua University)

Symposium 10 Modelling and Simulation of Microstructures and Processing

Keynote Lecturers

Prof. Isao Tanaka (Kyoto University)
Prof. Yanming Ma (Jilin University)
Prof. Byeong-Joo Lee (Pohang University of Science and Technology)
Prof. Salvy Russo (RMIT University)
Prof. Elizabeth Holmes (Carnegie Mellon University)

Invited Speakers

Assoc. Prof. Yasushi Shibuta (The University of Tokyo)
Assoc. Prof. Tomohiro Takaki (Kyoto Institute of Technology)
Prof. Mitsuru Ohata (Osaka University)
Dr. Xiao-Li Fan (Northwestern Polytechnical University)
Assoc. Prof. Ru-Zhi Wang (Beijing University of Technology)
Dr. Yan Su (Dalian University of Technology)
Prof. Miyoung Kim (Seoul National University)
Prof. Pil-Ryung Cha (Kookmin University)
Prof. Shi-Hoon Choi (Sunchon National University)
Dr. Timothy C. Germann (Los Alamos National Laboratory)
Prof. Mark Asta (University of California)
Dr. Saryu Fensin (Los Alamos National Laboratory)

Symposium 11 Materials for Energy and Environment

Keynote Lecturers

Assoc. Prof. Taro Hitosugi (Tohoku University)
Prof. Chengjia Shang (University of Sciences and Technology Beijing)
Prof. Sung-Jin Kim (Ewha Womans University)
Prof. Toyohisa Fujita (University of Tokyo)

Invited Speakers

Prof. Shigeharu Ukai (Hokkaido University)
Assoc. Prof. Ken Kurosaki (Osaka University)
Assoc. Prof. Kazuhiro Mori (Kyoto University)
Prof. Yiyin Shan (Chinese Academy of Sciences)
Prof. Xitao Wang (University of Science and Technology Beijing)
Prof. Qiang Feng (University of Science and Technology Beijing)
Prof. Ho Won Jang (Seoul National University)
Prof. Sang-Woo Kim (Sungkyunkwan University)
Prof. Kyu Hyoung Lee (Kangwon National University)
Assoc. Prof. and Dr. Rachel A. Caruso (University of Melbourne & CSIRO)
Dr. Cara Doherty (CSIRO)
Prof. Bart Blanpain (KU Leuven)
Prof. Brajendra Mishra (Worcester Polytechnic Institute)
Prof. Fernand D.S. Marquis (San Diego State University)

Symposium 12 Electronics and Magnetic Materials

Keynote Lecturers

JIM Dr. Yasuo Koide (National Institute for Materials Science)
CSM Prof. Ming-Liang Tian (Chinese Academy of Sciences)
KIM Prof. Jong-Lam Lee (Pohang University of Science and Technology)
MA Prof. Kiyonori Suzuki (Monash University)
TMS Prof. Amit Goyal (The State University of New York)

Invited Speakers

Dr. Asaya Fujita (National Institute of Advanced Industrial Science and Technology)
Assist. Prof. Takeshi Seki (Tohoku University)
Assist. Prof. Atsushi Koizumi (Osaka University)
Prof. Yi-Zheng Wu (Fudan University)
Assist. Prof. Cheng Song (Tsinghua University)
Prof. Young Keun Kim (Korea University)
Prof. Jinho Ahn (Hanyang University)
Prof. Moon-Ho Jo (Pohang University of Science and Technology)
Assoc. Prof. Christopher Ling (University of Sydney)
Dr. Wayne Hutchison (University of New South Wales)
Dr. Albert V. Davydov (National Institute of Standards and Technology)
Prof. Bruce Gnade (University of Texas)

Symposium 13 Additive Manufacturing

Keynote Lecturers

Prof. Hideki Kyogoku (Kinki University)
Prof. Yusheng Shi (Huazhong University of Science and Technology)
Mr. Honghyun Shin (Daelim Chemistry)
Prof. Chris Davies (Monash University)
Prof. David Bourell (The University of Texas)

Invited Speakers

Assoc. Prof. Naoyuki Nomura (Tohoku University)
Assoc. Prof. Yuichiro Koizumi (Tohoku University)
Prof. Takayoshi Nakano (Osaka University)
Prof. Xin Lin (Northwestern Polytechnical University)
Prof. Feng Lin (Tsinghua University)
Assoc. Prof. Xiaoyong Tian (Xi'an Jiao Tong University)
Dr. Heon Ju Lee (Korea Institute of Science and Technology)
Prof. Shi-Hoon Choi (Sunchon National University)
Dr. Wei Xu (RMIT University)
Dr. Andrey Molotnikov (Monash University)
Prof. John Lewandowski (Case Western Reserve University)
Prof. Dan J. Thoma (University of Wisconsin)