



B6. Australia-Japan joint forum on Advance Energy Materials

Organizers for B6

<https://iumrs-ica2019.com/>
Early bird registration deadline: 21st June 2019

Japan side:

Professor Takaya Sato (Tsuruoka KOSEN)
Professor Takashi Morinaga (Tsuruoka KOSEN)
Professor Ryo Shomura (Tsuruoka KOSEN)
Professor Shigeharu Ito (Tsuruoka KOSEN)
Dr. Yasunari Maekawa (QST)
Dr. Shunya Yamamoto (QST)
Dr. Narumi Ohta (National Institute for Materials Science)
Dr. Kazunari YAMAURA (National Institute for Materials Science)
Professor Atsushi Mineshige (University of Hyogo)
Professor Akimitsu Ishihara (Yokohama National University)
Professor Miwa Saito (Kanagawa University)

Australia side :

Dr. Siddulu Naidu Talapaneni (The University of Newcastle)
Dr. Inyoung Kim (The University of Newcastle)
Professor San Ping Jiang (Curtin University)
Professor John Zhu (The University of Queensland)
Professor Ruth Knibbe (The University of Queensland)

Invited speakers for forum B6

From Australia

Prof. Sang Pin Jiang (Curtin Univ.), Prof. Zongping Shao (Curtin Univ.), Prof. John Zhu (UQ), Prof. Ruth Knibbe (UQ), Prof. Xiaolin Wang (Univ. Wollongong), Prof. Inyong Kim (Univ. Newcastle), Prof. Kavitha Ramadass (Univ. Newcastle), Prof. Jang Mee Lee (Univ. Newcastle), Prof. Siddulu Naidu Talapaneni (Univ. Newcastle), Prof. Jae-Hun Yang (Univ. Newcastle), Prof. Prashant Sonar (QUT)

From Japan

Prof. Naoaki Kuwata (Tohoku Univ.), Prof. Narumi Ohta (NIMS), Prof. Kazunari Yamaura (NIMS), Prof. Takaya Sato (National Institute of Technology, Tsuruoka (Tsuruoka KOSEN)), Prof. Takashi Morinaga (Tsuruoka KOSEN), Prof. Shigeharu Ito (Tsuruoka KOSEN), Prof. Yoshiyuki Kuroda (Yokohama National University), Prof. Atsushi Mineshige (University of Hyogo), Professor Shunya Yamamoto (QST)

And other poster presentations

Scope: Architecture of novel nanomaterials is extremely important for the growth of the industrial sectors, innovation across all sectors including energy and environmental application. Discovery of novel materials and devices can also offer solution for various problems which are being faced in the society such as the green gas emissions, the depletion of the fossil fuels, and pollution, and provide the comfortable and stable life with the continuous benefit from the novel technologies emerge from the scientific research. This symposium will be organized in junction between A-MRS and MRS-J. The main aim of our joint symposium between A-MRS and MRS-J is to bring together scientists active in the fields of advanced materials, devices and system design in energy and environmental field from all over the world. This will provide great opportunity to share the knowledge and hear the developments on the above fields through presentation from all over the world on key research areas and challenges. Also, it is expected that new active international collaboration program between Australia and Japan will be discussed to promote the research collaboration in the field of energy and environment. The scope of the conference covers the fundamentals and technical aspects of various advanced materials, devices and system application including advanced characterization and theoretical analysis.

Topics:

Nano- and meso-porous functional materials
Advanced electrolytes and electrodes
Advanced devices and its application
Unique design of interfaces in energy materials and devices
Strongly correlated electron system for energy application
Advanced microanalysis and characterization
Catalysis and catalyst
Advanced simulation and modeling
System design and development
Bio-sensors, bio-fuel cells, biomass fuel cells
Novel related materials and applications

