

- designed for optoelectronic applications.
- ◆ Sang Youl Kim (Korea Advanced Institute of Science and Technology (KAIST); KOREA) Soluble Polyimides and Polyamides Containing Trifluoromethyl Groups.
 - ◆ Wenli Pei (Northeastern University; CHINA) Controllable magnetic nanomaterials synthesized by chemical method.
 - ◆ Kozo Onoue (Kumamoto University; JAPAN) Properties of environmental load-reducing construction material utilizing steel slags.
 - ◆ Keisuke Takahashi (UBE INDUSTRIES, LTD.; JAPAN) Application of Cement-based Sealing Materials for Prevention and Remediation of Environmental Impact of Mining Development of Submarine Deposits.
 - ◆ Hiroyuki Nishide (Waseda university; JAPAN) Redox Polymers for Energy Devices.
 - ◆ Masa-aki Kakimoto (Tokyo Institute of Technology; JAPAN) New Materials for Cell Sheet Recovery using Hyperbranched Polymers.
 - ◆ Masaya Mitsuishi (Tohoku University; JAPAN) Cyclosiloxane Materials for Bottom-up Assemblies.
 - ◆ An-Pang Tsai (Tohoku University; JAPAN) A paradigm shift in solid structure ~Quasicrystal~.
 - ◆ Noritaka Saito (Kyushu University; JAPAN) Evaluation of Oxide Melt Crystallization Characterized by Capacitance Measurement.

Special Sessions of Akita University Leading Program

“New Frontier Leader Program for Rare-metals and Resources” and Topic : Earth Science and Resource Development Technology

- ◆ Brajendra Mishra (Worcester Polytechnic Institute; USA) Recovery and Recycling of Valuable Metals from Fine Industrial Waste Materials.
- ◆ Corby Anderson (Colorado School of Mines; USA) The Key Aspects of Critical Metals.
- ◆ Himawan Tri Bayu Murti Petrus ST (Gadjah Mada University; INDONESIA) Sumbawa Gold Ore Liberation Study; Ensuring the Success of Borax Method through Liberation Modelling.
- ◆ Bambang Retnoaji, M.Sc (Gadjah Mada University; INDONESIA) Implementation Morphometric and Histological study on Fish At Lebo Lake for initial Screening of Mercury Contamination in Small Scale Artisanal Gold Mining at Sumbawa Barat, Indonesia.
- ◆ William X. Chavez, Jr. (New Mexico Institute of Mining and Technology; USA) Supergene Processes and Weathering-Related Mobility of Metals.
- ◆ Murat Karakus (The University of Adelaide; AUSTRALIA) Advances in Numerical Methods for Rock Burst Modelling.
- ◆ Mikiya Tanaka (National Institute of Advanced Industrial Science and Technology; JAPAN) Application of Solvent Extraction to the Recycling Process of Electroless Nickel Plating Baths.

MODE OF PRESENTATION

The technical program consists of three kinds of session:

- ◆ Plenary (invited) lectures ; 40 min-lecture including 5 min discussion.
- ◆ Keynote (invited) lectures ; 25 min-lecture including 5 min discussion.
- ◆ Poster sessions with short speech; 3 min-lecture each and poster-site discussion.

The official language will be English

AWARD

Two outstanding contributions will be awarded by ICMR2017 awarding committee.

- International Award of Material Engineering for Resources
- Excellent Paper Award of Poster Sessions