International workshop on Mineral processing and Metallurgy 2018

IMM2018
March 2-3, 2018 / Katahira Sakura Hall

Organizer: Institute of Multidisciplinary Research for Advanced Materials, Tohoku University

Program

Friday 2nd March, 2018

Opening Session - Chair: Hiroyuki Fukuyama (IMRAM, Tohoku University)
13:30-13:45 Opening address: Atsushi Muramatsu (Director of IMRAM, Tohoku University)
13:45-14:15 Introduction of a New Research Center -Center for Mineral processing and Metallurgy-
Itaru Honma (IMRAM, Tohoku University)

Session 1 - Chair: Itaru Honma (IMRAM, Tohoku University)
14:15-14:45 Why Soft Processing (=Low-Energy Production) of Advanced Materials is Difficult but Necessary for Sustainable Society?
Masahiro Yoshimura (National Cheng Kung University)
14:45-15:15 Industry-academia Collaboration in the Field of Non-ferrous Metals Resource Recovery Engineering
Toru H. Okabe (The University of Tokyo)
15:15-15:45 Coffee Break

Session 2 - Chair: Etsuro Shibata (IMRAM, Tohoku University)
15:45-16:15 New activities in Kyoto University aimed at vitalizing non-ferrous extractive metallurgy
Yuki Taninouchi (Kyoto University)
16:15-16:45 Recovery of Germanium from Waste Optical Fiber
Wei-Sheng Chen (National Cheng Kung University)

Session 3 - Chair: Nobuaki Sato (IMRAM, Tohoku University)
16:45-17:15 The Status of Front- and Back-end Fuel Cycle Development in Korea
Kwangheon Park (Kyung Hee University)
17:30-18:30 Poster Session & photo
18:30-20:00 Get Together Party

Saturday 3rd March, 2018

Session 4 - Chair: Shin-ya Kitamura (IMRAM, Tohoku University)
9:00-9:30 Base Metal Production Process as Hub of Materials Flow
Tetsuya Nagasaka (Tohoku University)
9:30-10:00 Initiatives in European Union towards Carbon Lean Steel Production
Johannes Schenk (Montanuniversitaet Leoben)
10:00-10:30 New Recycling System for Minimizing Steelmaking Slag
Yasuo Kishimoto (JFE steel)
10:30-11:00 Coffee Break

Session 5 - Chair: Takahisa Omata (IMRAM, Tohoku University)
11:00-11:30 Investigation for Characteristics of BOF Slag after Mineral Carbonation
Ming-Shang Ko (Taipei University of Technology)
11:30-12:00 Advanced Mineral Processing Technologies towards a Sustainability of Metal Resources
Atsushi Shibayama (Akita University)
12:00-12:30 Mineral Processing: Coarse Gangue Rejection and Flotation of Fines
George V. Franks (Melbourne University)
12:30 Closing remarks: Hiroyuki Fukuyama (IMRAM, Tohoku University)

REGISTER HERE: http://www2.tagen.tohoku.ac.jp/general/event/2018/IMM2018/
Registration Deadline: Friday 16 February, 2018,
Registration fee: JPY 1,000., Get Together Party (Friday, 2nd March) fee: JPY 4,000
*Please pay the total fee by cash at the reception desk on Friday 2nd March, 2018.
Contact: imm2018_secretary@grp.tohoku.ac.jp

Co-sponsorship:
- The Research Program of “Dynamic Alliance for Open Innovation Bridging Human, Environment and Materials” in “Network Joint Research Center for Materials and Devices”
- Tohoku branch of The Japan Institute of Metals and Materials
- Tohoku branch of The Iron and Steel Institute of Japan
- Tohoku Branch of The Mining and Materials Processing Institute of Japan
- Tohoku branch of The Society of Chemical Engineers, Japan