The 15th International Symposium on Mineral Exploration (ISME-XV) will be held at International Science Innovation Building, Kyoto University Yoshida Campus, Yoshida-honmachi, Sakyo-ku, Kyoto, 606-8501, Japan from Monday 26th to Tuesday 27th November 2018.

General information of the venue is available on the following website: http://www.kyoto-u.ac.jp/en

CONFERENCE VENUE

ORGANIZING COMMITTEE
Chair: Kazuya Okada (President of Sumiko Resources Exploration & Development Co., Ltd.; Chair of DETEC-MMIJ)
Co-Chair: Katsuki Koike (Prof. of Kyoto University)
Co-Chair: John Carranza (Prof. of University of KwaZulu-Natal)
(Others are T.B.D.)

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SYMPOSIUM HOME PAGE
http://www.isme-detec.org/ISMExv/
Corresponding address: isme15ML@t.kyoto-u.ac.jp

November 26-28, 2018 Kyoto, Japan

First Announcement & Call for Papers
15th International Symposium on Mineral Exploration

ISME-XV
(30th Anniversary of DETEC)
Toward Sustainable Society with Natural Resources
-Development of Resource Exploration Technology in the Past Thirty Years and for the Future-
ABOUT ISME

The ISME started in 1990 focusing on mineral resource exploration in terms of Artificial Intelligence (AI), and then has developed to solve other problems of natural resources such as uranium, coal, natural gas, petroleum, methane hydrate, geothermal, groundwater, and aggregates, as well as the related environmental issues. The symposium will cover all aspects that can contribute to innovate resource exploration technology including the field of IoT with Artificial Intelligence.

The ISME proceedings have been published as proceedings volumes or in several special issues of the official journals of IAMG (Nonrenewable Resources and Natural Resources Research) and the Japan Society of Geoinformatics (Geoinformatics).

HISTORY OF ISME

ISME Symposia have been held every two years from 1990 in Japan, and in various parts of the world in conjunction with annual conferences of IAMG (International Association for Mathematical Geology) and the IGC (International Geological Congress) as listed below;

- ISME-IA’90: Oct. 29-Nov. 2, 1990, Tokyo-Tsukuba, Japan
- ISME-II: Sep. 7-8, 1992, Tokyo, Japan
- ISME-III: Oct. 4, 1994, Mont Tremblant, Canada (joint with IAMG)
- ISME-IV: Aug. 10-11, 1996, Beijing, China (joint with IAMG)
- ISME-V: Aug. 20-21, 1998, Brisbane, Australia
- ISME-VI: Aug. 15-16, 2000, Rio de Janeiro, Brazil (joint with IAMG)
- ISME-VII: Aug. 20-21, 2002, NASA, California, USA
- ISME-VIII: Aug. 22, 2004, Florence, Italy (joint with IGC32)
- ISME-IX: Sep. 7-8, 2006, Espoo, Finland
- ISME-X: Aug. 4-16, 2008, Oslo, Norway (joint with IGC33)
- ISME-XI: Sep. 7-8, 2010, Espoo, Finland
- ISME-XII: Aug. 5-10, 2012, Brisbane, Australia (joint with IGC34)
- ISME-XIV: Aug. 27-Sep. 4, 2016, Cape Town, South Africa, (joint with IGC35)
- ISME-XV: Sep. 17-20, 2018, Akita, Japan

The symposium will cover all aspects that can contribute to groundwater, and aggregates, as well as the related environmental issues. The symposium will be on state-of-the-art research related to resource exploration with a review of research outcome in the past thirty years in commemoration of the 30th anniversary of DETEC.

Main topics are:
- Mining/Petroleum Geology and Economic Geology
- Mining and Petroleum Engineering
- Applied Mineralogy
- Geostatistics, Geoinformatics, and Mathematical Methods
- Geophysics and Geochimistry
- Remote Sensing
- Advanced Geographical Information System (GIS)
- Resource Economics
- Environmental Geology
- Hydrogeology, Water Resources, and Water Conservation
- Marine Resources
- Natural Gas and Methane Hydrate
- Geothermal Resources
- Assessment Technologies and Risk Analysis
- Exploration Strategies
- Urban Mining and Recycling
- Extraterrestrial Resource Exploration
- Data-driven Science

The exposition will be announced.

IMPORTANT DEADLINES

Abstracts Due: April 30, 2018
Author Notification: May 15, 2018
Digital Camera Ready Paper Due: July 10, 2018
Early Registration fee deadline: July 31, 2018

The abstracts will be reviewed by at least two referees selected by the Program Committee. Interested contributors should submit electronically one-page abstract of 200 to 400 words in English without figures or references before April 30, 2018 to <ISMExv-abstract@gipc.akita-u.ac.jp>. The abstract submission form can be found on the symposium home page.

Please include title, author(s), affiliation, mailing address, phone & fax, e-mail address, 3-5 keywords, and corresponding author with your submittal. Contributors should choose the presentation method of oral or poster, which might be re-determined by the Program Committee.

Registration will start on June 1, 2018. Only papers of participants registered before July 31, 2018 will be included in the proceedings volume. The full papers will be published in an appropriate journal or a book. For more details, please contact to the conference secretariats.

REGISTRATION FEE

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(Not) Lunch, banquet, ice breaker and excursion are excluded. Methods of CREDIT CARD payment will be announced later.

LANGUAGE

The official language of the symposium will be English.

SCHEDULE

November, 2018
26 (Mon): Technical Sessions with Keynote Lectures & Ice Breaker
27 (Tue): Technical Sessions with Keynote Lectures & Banquet
28 (Wed): Excursion