

11th International Conference on Explosives and Blasting

ORGANIZED BY JAPAN EXPLOSIVES SOCIETY

December 17-20, 2023

Kyoto, Japan

The 11th International Conference on Explosives and Blasting (ICEB) is to be held in Kyoto, Japan organized by the Japan Explosives Society. We look forward to your participation in this traditional symposium.

First joint symposium on Engineering Blasting was hold in Yichang, China 2006. From the 1st to 6th symposium, it was held annually, and from 7th symposium it was held every two years, serving the blasting community of the three countries (Japan, China, and Korea). On the post meeting of ICEB 2019 (10th held at Chengdu, China), conclusion of discussion was that next meeting was planned 2022 in Japan with three years interval. Unfortunately, many conference canceled or postponed due to Covid-19 virus, 11th ICEB was no exception. In 2023, many academic societies have overcome the impact of Covid-19 including 11th ICEB.

It was postponed in 2022 due to Covid-19 and will be held in Kyoto Japan in 2023. In Japan, the second conference was held in Nagoya in 2007, the fifth in Sapporo in 2010, and the eighth in Fukuoka in 2015. In December 2023, once again, people involved in explosives industry, engineering blasting and other related fields are warmly welcome to the Symposium.

DATE: December 17-20, 2023

VENUE: Hearton Hotel Kyoto, 405 Funaya-cho, Nakagyo-Ku, Kyoto-shi, Kyoto, 604-0836, Japan

SCHEDULE

Date	Event
Dec.17	Registration, Welcome Party
Dec.18	Technical session, Welcome Banquet
Dec.19	Technical Tour
Dec.20	To Airport

FEE:

Registration fee : TBD, Seminar, Proceeding, Technical Tour are included

Hotel fee (for Chinese and Korean participants) : TBD, 3days hotel fee is included

PRELIMINARY LISTS OF MAJOR TOPICS:

- I. Research and application of blasting techniques, such as surface blasting (i.e. long-hole blasting, chamber blasting, controlled rock blasting), underground blasting, tunneling and sinking, underwater blasting, ground foundation reinforcement by blasting, demolition blasting, shaping by blasting, oil well blasting, as well as other controlled blasting.
- II. Theoretical analyses, such as theory of explosive's initiation and detonation, fragmentation

mechanism, numerical simulation, mechanical analyses, effects of geological conditions, dynamic monitoring of detonation and blasting, technology and equipment for measurement of explosives and blasting, blast design and parameter optimization, result measurement and assessment of blasting operations, etc.

- III. Explosives products and initiation systems, including preparation of explosives and manufacturing of accessories, techniques and instruments for initiation, research and application of high-accuracy electronic detonators, loading mechanization, etc.
- IV. Drilling equipment and techniques, other machinery and instruments for drilling.
- V. Policies and arts for management of blast safety, such as safety and environmental effects and their control, research on safety criterion of blasting operations, techniques for control of ground vibration, air blast, dust and noise, protective measures for blast hazards, quality test and destroy of explosive products and accessories.

CALL FOR PAPERS:

- I. 3 -5 papers are asked to be prepared by each country. Title and the authors of each paper should be submitted to the organizing committee by **August 10th, 2023** through an e-mail (**M-icebt11-ml@aist.go.jp**)
- II. A complete manuscript of the paper (as a word file) should be submitted by **October 13th, 2023**, by an e-mail (**M-icebt11-ml@aist.go.jp**)
- III. Working language of the Symposium will be English.

OTHERS

The international organizing committee members are asked to send the list of participants of their own country to the organizing committee by **October 13th**.

Mail-address: M-icebt11-ml@aist.go.jp