
ISBB2019

20th International Symposium on Boron, Borides and Related Materials



September 22nd (Sun) - 27th (Fri), 2019
"Toki Messe" (Niigata Convention Center)
Niigata City, Niigata, Japan

SECOND ANNOUNCEMENT (Call for Paper)

International Symposium on Boron, Borides and Related Materials (ISBB) began at Asbury Park, New Jersey in 1959. More than half a century passed from the first symposium, and now ISBB will reach the 20th Symposium which will be held in the beautiful town of Niigata, Japan in 2019. The 20th Symposium will be devoted to recent progress on physical and chemical properties and practical applications of exotic boron and related materials. We hope to meet you in Niigata, the center of the coast of the Sea of Japan with attractive gourmet and nature.

Further Information will be available at: <http://www.sogalabo.jp/isbb2019/>

Important Dates

April 30, 2019	Abstracts due
Middle of June, 2019	Acceptance notice
July 15, 2019	Early Registration fee due
August 31, 2019	Online Registration and Hotel reservation due
September 30, 2019	Expected deadline of Manuscript Submission

Abstract Submission

Participants should submit their abstracts through the following ISBB2019 web site.

<http://www.sogalabo.jp/isbb2019/>

They are encouraged to use the template which can be downloaded from the web site.

They are requested to choose the Presentation Style; ORAL or POSTER, and the Category; General Session or Focused Session, for their presentations.

Focused Session

“Low-Dimensional Boron Nanostructures: Borophene, Boron Hydride Sheet, Nanotube, Nanowire”
This session was planned because of recent discoveries of Borophene.

Invited Speakers (confirmed)

Focused Session

N. Guisinger (USA), T. Kondo (Japan), S. Souma (Japan), K. Wu (China),
B. Yakobson (USA)

Regular Session

B. Albert (Germany), B. Fokwa (USA), Y. Grin (Germany), J-F. Halet (France),
H. Hillebrecht (Germany), J. Kunstmann (Germany), I. Mackinnon (Australia),
M. Manghnani (USA), S. Nakatsuji (Japan), T. Ogitsu (USA), P. Rogl (Austria),
N. Sluchanko (Russia), V. Solozhenko (France), M. Terauchi (Japan), N. Vast (France),
H. Werheit (Germany), O. Yucel (Turkey)

Scientific Program

The Symposium will integrate both basic and applied interdisciplinary research that is centered on **Boron, Borides and Related Materials**.

Oral and poster contributions are invited in the following areas:

- ◆ ***Preparation of New Materials*** (single crystals, thin films, nanomaterials, ceramics, coatings, glasses, composites, biopolymers etc.) ***in normal and extreme conditions*** (super-high pressure, ultracentrifuging, microgravity).
- ◆ ***Crystal Structure and Chemical Bonding*** (nonstoichiometry, defects, clusters, quantum-chemical calculations).
- ◆ ***Physical and Chemical Properties***
(band structure, phonon spectra, superconductivity, optical, electrical, magnetic, emissive, mechanical properties, phase diagrams, thermodynamics, catalytic activity, etc.) ***in a wide range of temperature and pressure.***
- ◆ ***Applications and Prospects***
(memory elements, thermoelectric converters, composites, ceramics, coatings, biomedicine etc.)

Plenary lectures and Focused Session are planned. English will be the Symposium language.

Proceedings

The Proceedings of this symposium will be published in Solid State Sciences (Special Issue).

Registration

Participants should register through the following ISBB2019 web site.

<http://www.sogalabo.jp/isbb2019/>

Registration Fee

	EARLY REGISTRATION (On or Before July 15, 2019)	LATE/ON-SITE REGISTRATION (On or After July 16, 2019)
Regular	JPY 70,000	JPY 80,000
Student	JPY 20,000	JPY 25,000
Accompanying person	JPY 20,000	JPY 25,000

Regular Registration fee includes:

Participation Fee, Presentation, Book of Abstracts, Proceedings, Lunch (Sept.23-26), Excursion and Banquet.

Student Registration fee includes:

Participation Fee, Presentation, Book of Abstracts, Proceedings and Lunch (Sept.23-26).
(Excursion and Banquet are not included.)

Excursion and Banquet for Student	JPY 10,000
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*For confirmation of student registration, please kindly send a student registration certificate to JTB Business Network MICE desk by fax or e-mail.

E-mail : niigata-mice@jbn.jtb.jp

Fax: +81-(0)3-5396-8140

Accompanying Person fee includes:

Participation Fee, Lunch (Sept.23-26), Excursion and Banquet.

Cancellation

In case of cancellation, your registration fee will be refunded after deducting the cancellation fees as follows.

On or After July 16 th	10% of the registration fee
On or After September 1 st	100% of the registration fee

Deadline for Registration

The deadline for online registration is 24:00 of August 31, 2019, Japan Standard Time (GMT+9)
(The deadline for early registration is July 15, 2019.)

Location

The Symposium will be held in **Niigata City, Niigata** (<http://enjoyniigata.com>), at the **Niigata Convention Center "Toki Messe"** (<https://www.tokimesse.com/english/index.html>), situated within 10 minutes by public transport or 20 minutes on foot from downtown. At the end of September, hot and humid weather will be almost finished in Japan, and we are certain that you and your family will enjoy many places of scenic, historical and cultural interest offered by Niigata City. Japan faces two large units of ocean, the Pacific Ocean and the Sea of Japan. Located at the center of the coast of the Sea of Japan, Niigata has been one of the important places for marine transport from ancient times. Also, it has been a cultural contact point between Eurasia and Japan. With famous quality rice, seafood and Sake (Japanese rice wine), Niigata is one of the most attractive places to visit in Japan.

Accommodation

Participants can reserve their accommodation through the following ISBB2019 web site.

<http://www.sogalabo.jp/isbb2019/>

Most participants are expected to be housed in the following hotels.

1. Hotel Nikko Niigata (next to the Niigata Convention Center)
Single JPY 13,000 Twin JPY 24,000
2. Ramada Hotel Niigata
Single JPY 8,500 Twin JPY 15,000
3. Niigata Daiichi Hotel
Single JPY 7,500 Twin JPY 13,000

Organizing Committee

K. Kimura, *Chairman* (The University of Tokyo)

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Kohei Soga (Tokyo University of Science)

Takao Mori (National Institute for Materials Science)

Takashi Yamasaki (Kokushikan University)

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Symposium Addresses

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