

## The First Announcement

# The 8<sup>th</sup> Japan-China-Korea Joint Seminar on Atomic and Molecular Processes in Plasma (AMPP2020)

Sep. 14 – 16, 2020, Kyoto, Japan

<https://workshop.nifs.ac.jp/ampp2020/>

This seminar is 8<sup>th</sup> edition of Japan-China-Korea Joint Seminar on Atomic and Molecular Processes in Plasma. In the laboratory and astrophysical plasmas, a variety of atomic processes exists such as photo-excitation and ionization, electron-impact excitation and ionization, heavy particle impact excitation, ionization and charge transfer, etc. The knowledge of these atomic processes is essential for the simulations and diagnostics on plasma properties. This joint seminar provides a chance for the researchers, who are working in the fields of atomic and molecular physics and plasma physics, to exchange their recent progress and discuss the future collaborations.

### ➤ Topics

- Spectroscopic properties of atoms and molecules in plasma
- Atomic collision dynamics in plasma
- Plasma simulation and diagnostics
- Atomic and molecular process in boundary plasmas and erosion dynamics in plasma wall interaction
- Atomic and molecular data assessment and database construction

### ➤ Venue and Travel Information

Kyoto University, Katsura Campus, Kyoto, Japan

<https://www.t.kyoto-u.ac.jp/en/access/katsura>

### ➤ Date of Seminar

Monday, 14 September – Wednesday, 16 September, 2020

### ➤ Accommodation

Delegates are responsible for arranging their own accommodations.

### ➤ Meeting Format

The scientific program consists oral and poster sessions. The official language of the meeting is English.

### ➤ Proceedings

The AMPP2020 proceedings will be published in NIFS Report series.

### ➤ **Important Date**

- 1 June, 2020: Registration and VISA document request deadline  
Registrants who require VISA to travel to Japan, please send a request to the local organizers (ampp2020@nifs.ac.jp) not later than 1 June 2020, providing your passport details (nationality, passport number, issue and expiry dates), and the mailing address to where the invitation letter is delivered.
- 13 July, 2020: Abstract submission deadline
- 2 November, 2020: Proceedings paper submission deadline

### ➤ **Registration Fee**

Regular: 10,000 JPY

Student: 5,000 JPY.

The regular and student fees include full access to scientific program, book of abstracts, coffee, snack, and banquet. Registration fee will be collected by JPY cash at the seminar.

### ➤ **Organizing Committee**

KATO Daiji (National Institute for Fusion Science, Japan)

DONG Chenzhong (Northwest Normal University, China)

DING Xiaobin (Northwest Normal University, China)

HASUO Masahiro (Kyoto University, Japan)

SHIKAMA Taiichi (Kyoto University, Japan)

### ➤ **Contact**

Local Organizing Committee: E-mail: ampp2020@nifs.ac.jp

### ➤ **Cosponsors**

National Institute for Fusion Science (NIFS)

Graduate School of Engineering, Kyoto University (to be planed)

This seminar is supported by Post Japan-China Core University Program, NINS Program of Promoting Research by Networking among Institutions (Grant Number 01411702), and KAKENHI (18H01201).

**NOTE: The schedule of the seminar can be changed due to COVID-19 outbreak. We will inform you of update information about the seminar on the homepage, <https://workshop.nifs.ac.jp/ampp2020/>.**