

*The 15th International Symposium*  
*on*  
*Applied Plasma Science*

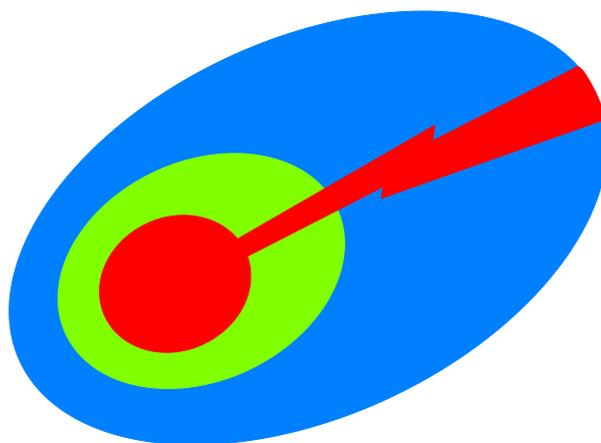
at

**IPP**

Prague, Czech Republic

*September 21 - 25, 2026*

*Prague*



***ISAPS 2026***

*Sponsored by*

Organizing Committee of ISAPS 2026

Institute of Applied Plasma Science

IPP (Institute of Plasma Physics, Czech Academy of Science)

*In cooperation with*

Chulalongkorn University

Dalian University of Technology

IRS, University of Stuttgart, Warsaw University of Technology

# ISAPS 2026

## Dear Participant

It is our pleasure to invite you to participate in the 15th International Symposium on Applied Plasma Science: **ISAPS '26 (ISAPS 2026)**, which will be held Institute of Plasma Physics of the Czech Academic of Sciences (**IPP, ASCR**) in Prague.

This symposium is organized by the Organizing Committee of **ISAPS '26**, which is co-sponsored by the Institute of Applied Plasma Science (**IAPS**), in cooperation with Gifu University, Chulalongkorn University, IRS at University of Stuttgart, Warsaw University of Technology, and Dalian University of Technology, etc. This will be held to promote international collaboration in Applied Plasma Sciences. And 80 researchers from all over the world will be expected to participate in this conference and to share their thoughts to establish strong connections with each other.

The 1st ISAPS was held in Los Angeles, USA, 1997, when the 5th anniversary of the Institute of Applied Plasma Science, and the following ISAPS conferences are listed below:

- The 2nd ISAPS, in Osaka, Japan, 1999
- The 3rd ISAPS, in Alaska, USA, 2001
- The 4th ISAPS, in Kyoto, Japan, 2003
- The 5th ISAPS in Hawaii, USA, 2005
- The 6th ISAPS, in Nikko, Japan, 2007
- The 7th ISAPS, in Hamburg, Germany, 2009
- The 8th ISAPS, in Hakone, Japan, 2011
- The 9th ISAPS, in Istanbul, Turkey, 2013
- The 10th ISAPS, in Nara, Japan, 2015
- The 11th ISAPS, in Warsaw, Poland, 2017
- The 12th ISAPS, in Yamanashi, Japan, 2019
- The 13th ISAPS, in Stuttgart, Germany, 2022
- The 14th ISAPS, in Shiga, Japan, 2024

The topics of **ISAPS 2026** focus mainly on plasma applications, including applications in microelectronics and application to environmental problems, as well as applications of other high-energy sources, such as electron, ion and laser beams. And 50 presentations are planned for ISAPS '26. Those papers are compiled in the conference proceedings, entitled **ADVANCES IN APPLIED PLASMA SCIENCE, Vol. 15, 2026**.

Participants in this symposium cover a wide range of interdisciplinary scientific activities in the fields of energy, mechanical, electrical, material, and chemical sciences. Therefore, attendance at this symposium is expected to enhance future scientific collaborations. Strong international collaboration on Applied Plasma Science is demanded to solve many problems in plasma applications to the processing of functional materials, microelectronics, environmental problems, as well as many other industrial applications.

We strongly recommend that you attend this symposium and present your research results in this interdisciplinary research field. We are looking forward to seeing you at ISAPS '26.

**September 15, 2025**

**Symposium chair: A. Kobayashi,**  
*Chulalongkorn Univ.*  
Bangkok 600300, Thailand

# ORGANIZATION

(under consideration)

## Organizing Committee of ISAPS 2026

Akira Kobayashi; Chair	<i>Chulalongkorn University</i>
Kimiya Komurasaki	<i>University of Tokyo</i>
Takaomi Matsutani	<i>Kindai University</i>
Nobuya Hayashi	<i>Kyushu University</i>
Tomas Chraska	<i>Institute of Plasma Physics (IPP, ASCR)</i>
Georg Herdrich	<i>University of Stuttgart</i>
Yue Liu	<i>Dalian University of Technology</i>
Ryszard Sitek	<i>Warsaw University of Technology</i>
Rattachat Mongkolnavin	<i>Chulalongkorn University</i>

## Local Organizing Committee of ISAPS 2026

Maksym Buryi; Chair	IPP, ASCR
Alan Mašláni; Co-Chair	IPP, ASCR
Jafar Fathi; Secretary	IPP, ASCR
Shelja Sharma; member	IPP, ASCR
Tomáš Hostinský; member	IPP, ASCR
Jan Zich; member	IPP, ASCR
Jakub Pilarš	IPP, ASCR
Guido Van Oost	Ghent University

## Advisory Committee:

G. Van Oost	<i>Ghent University</i>
Miroslav Krus	IPP, ASCR
Josef Krasa	Inst. of Phys, ASCR
M. Yatsuzuka	Univ. of Hyogo
N. Ghoniem	UCLA
P. V. A. Padmanabhan	BARC

## Executive Committee:

Chair:	A. Kobayashi (Osaka Univ)	
Co-chairs	T. Matsutani (Kindai Univ.),	Y. Hashimoto (Kobe City Coll. Tech.)
Members:	Y. Ando (Ashikaga Univ.),	J. Aoyagi (Univ. of Yamanashi)
	K. Komurasaki (Univ. of Tokyo),	R. Kawashima (Shibaura IT)
	A. Momozawa (Tokyo City Univ.),	M. Nakano (Tokyo Metro. Col. Indus. Tech.),
	H. Watanabe (JAXA),	H. Horisawa (Tokai Univ.),
	M. Matsui (Shizuoka Univ.),	H. Shiraishi (Daido Univ.),
	T. Miyasaka (Gifu Univ.)	S. Tanaka (Doshisha Univ.)
	S. Tashiro (Osaka Univ.),	H. Akamatsu (Kobe City Coll. Tech.),
	Y. Sizaki (Kagawa Univ.)	N. Hayashi (Kyushu Univ.),
	N. Yamamoto (Kyushu Univ.),	A. Hassanein (Purdue Univ.),
	R. Sitek (Warsaw Univ. Tech.)	P. Poza (ReyJuan Carlos Univ.),
	G. Herdrich (Univ. of Stuttgart),	H. Burghaus (Univ. of Stuttgart),
	A. Vincent-Randonnier (ONERA),	S. Cem Okumus (Sakarya Univ.),
	C. P. Lungu (INFLPR),	M. Krus (IPP, ASCR)
	J. Krasa (Inst. of Phys, ASCR),	R. Mongkolnavin (Chula. Univ.),
	Y. Liu (Dalian Univ. of Tech.),	C-J. Li (Xi'an Jiaotong University),
	A. L. Moe (UMG College Myanmar)	G. Shanmuga (Barathier Univ.),
	S. Yugeswaran (Pondcherry Univ.)	

# Guide to ISAPS 2026

## [Language]

The official language for the conference will be English.

## [Registration]

To attend the ISAPS 2026 Conference, please fill out the Intention Form or Registration Form and return it to Prof. A. Kobayashi. Each delegate must fill in a separate form.

All participants should pay the following Registration Fee at the registration desk. Registration will be open at the Conference Room of IPP, during September 21 – 24.

	Member of IAPS	Non-Member of IAPS	Student	Member of Advisory Co.
Regular Reg. Fee	50,000 JPY (300 EUR)	60,000 JPY (400 EUR)	30,000 JPY (200 EUR)	15,000 JPY (100 EUR)
Pre-registration Fee (Until June 20, 2026)	45000 JPY	55000 JPY	25000 JPY	15000 JPY

\*Note: Registration Fee for accompanying people is 15,000 JPY (100 EUR).

**Registration fee does not cover the meals (lunch, banquet, etc.).**

*Each registration can only be submitted on one paper.*

*Students who are not accompanied by regular participants should register as regular participants.*

*For students, the registration fee does not include proceedings. (5,000 yen for a copy)*

The payment for **registration** should be made in **JAPANESE YEN or EUR**.

**Pre-Registration Fee** should be remitted to the following Bank Account by June 20, 2025:

**Bank name: Sumitomo-Mitsui Banking Corporation  
Ibaraki Branch (169)**

SWIFT CODE: SMBC JP JT

Address: 7-6 Eidai-cho, Ibaraki, Osaka 567-0816, Japan

Phone: +81-72-624-4951

**Account Name: ISAPS2015**

**Account No.: 169-4195528**

## Research Fields for ISAPS 2026

Applications of Plasma Science and other high-energy sources (electron beam, ion beam, laser beam, etc.); Plasma applications in microelectronics; Plasma applications to environmental problems; Advanced materials & Characterization; and Related applied sciences

## [Research Topics]

Plasma production, diagnostics, Propulsion, modeling & simulations

Plasma processing (surface modification, deposition, thermal spray, etc.)

Plasma processing for hybrid functionally materials

Plasma applications to environmental problems

Advanced plasma processing technologies

Advanced materials (hybrid functionally materials, ceramics, composite materials, etc.)

Characterization and evaluation of materials

Industrial applications of directed energy sources (e-beams, ion beams, lasers)

## [Proceedings]

All papers (4 pages or 2pages) in the proceedings must be reviewed in advance. And the proper number of the refereed papers will be published in the conference book “**ADVANCES IN APPLIED PLASMA SCIENCE, Vol.15, 2026**” by the IAPS at the time of the symposium.

The format of the manuscript will be sent to the prospective authors at a later date.

The deadline for the manuscript for paper of the proceedings is **June 20, 2026**. If you want to submit your paper to **the special issue**, submit **Extended Abstract** (1 page) by **June 30, 2026**.

**#Late manuscripts may not be accepted for publication in the symposium proceedings.**

## \*Categories in **ADVANCES IN APPLIED PLASMA SCIENCE, Vol.15, 2026**:

This book mainly focuses on the applications of *Plasma Science* and other high energy sources. The categories in this book are as follows:

*Plasma production, diagnostics, modeling & simulations, propulsions*

*Plasma processing (surface modification, deposition, thermal spray, etc.)*

*Plasma processing for hybrid functionally materials*

*Plasma applications to environmental problems*

*Advanced plasma processing technologies and Advanced materials*

*Characterization and evaluation of materials*

*Industrial applications of directed energy sources (e-beams, ion beams, lasers)*

## Special Issues:

Authors of selected papers presented at the Symposium will be invited to submit full length (6 pages), peer-refereed manuscripts for publication in a special issue of **Vacuum** or the IAPS journal **Frontier of Applied Plasma Technology**. We are now planning to collect the following 2 types of contribution. In these cases, only the **Extended Abstract** (1p) will appear in the proceedings book to avoid its duplication.

1. **Journal: “Vacuum”** published by Elsevier (Aug. 2027). About **10** papers
2. **Journal: “Frontier of Applied Plasma Technology”** published by IAPS  
**5 papers for Vol. 20, No.1 or 2 (2027)**

<b>[Deadline]</b>	<b>Intention</b>	<b>Feb 28, 2026</b>
	<b>Abstracts submission (200words)</b>	<b>April 31, 2026</b>
	<b>Manuscript submission (4p or 2p)</b>	<b>June 20, 2026.</b>
	<b>Pre-registration</b>	<b>June 20, 2026</b>
	<b>Extended Abstract (1p)</b>	<b>June 30, 2026</b>
	<b>Payment of the Publication Fee</b>	<b>November 30, 2026</b>
	<b>Manuscript for Special Issue:</b>	<b>November 30, 2026</b>

## [Program]

The program of ISAPS 2026 will be prepared at the end of May 2026, after the **Registration form** and/or **Abstract form** are accepted by **the Organized Committee of ISAPS 2026**. This program is subject to change without notice to the participants. And the final program will be prepared before symposium.

## [Excursions]

City tour in Prague will be planned in the afternoon on September 22. There are a lot of interesting places for sightseeing surrounding Prague city. A post conference tour to a unique site will be organized on Friday, September 25.

Participants will obtain additional personal or group tours prior to the symposium.

## [Accommodation]

Several types of hotels would be informed to the participants. Room rates are reasonably priced. The discount room rate will be available if the participants order to the Organizing Committee by June 30, 2026. There are also some cheaper hotels near the IPP. (Example: Double room of some Hotel may be less than 100EUR/room/night, including tax.)

## [Location & Transportation]

Prague, the capital of the Czech Republic and a world-renowned international tourist destination, is located in the north-west of the country. From Václav Havel Airport Prague, it takes about 20 minutes by bus No. 59 (departing from stops in front of Terminal 1 and Terminal 2) to reach the “Nádraží Veleslavín” metro station on the Green Line (Line A). Alternative transport options such as Uber (Terminal 2 pick-up point), Bolt, or taxi services are also available.

IPP main building is located at U Slovanky 2525/1a, in north district of downtown Prague, and it takes 30 minutes from Prague main Station by metro C line.

## ◇ ISAPS 2026 SCHEDULE ◇

DATE	EVENT	LOCATION	AFFILIATION
Sep. 20 (S), 2026	PM: <b>Registration</b>	IPP	Executive Committee
Sep. 21 (M), 2026	AM: <b>Registration</b> <b>Opening Session</b> <b>Plenary Session</b> PM: <b>Oral Session A</b> <b>Session B</b> Eve: <b>Reception</b>	IPP	
Sep. 22 (Tu), 2026	AM: <b>Session C</b> <b>Session D</b> PM: <b>City Tour in Prague</b>	IPP	EXCURSION
Sep. 23 (W), 2026	AM: <b>Session E</b> <b>Session F</b> PM: <b>Session G</b> <b>Session H</b> <b>Poster Session 1</b> Eve: <b>Banquet</b>	IPP	EXHIBITION
Sep. 24 (Th), 2026	AM: <b>Invited Session</b> <b>Session I</b> PM: <b>Poster Session 2</b> Eve: <b>Optional Dinner</b>	IPP	EXHIBITION
Sep. 25 (F), 2026	AM: <b>Panel Discussion on Applied Plasma Science</b> PM: <b>Post Conference Tour</b>	Hotel	EXCURSION

## Coming Deadline

**Intention:**

**Feb 20, 2026**

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\* All questions related to this symposium should be directed to the symposium chairman.

<p><b>Prof. Akira Kobayashi, Chair:</b> Chulalongkorn University, Univ. Tokyo          TEL: +81-(0)80-8320-1618          Email: iaps-kobayashi@outlook.jp</p>
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## IPP Prague, Czechia



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**Institute of Plasma Physics of the Czech Academy of Sciences**

**Research Centre for Special Optics and Optoelectronic Systems TOPTEC**

Mailing address: Sobotecká 1660, 511 01 Turnov, Czech Republic (Czechia)

**Main office: U Slovanky 2525/1a, 182 00 Prague 8, Czech Republic (Czechia)**

The main building of the Institute of Plasma Physics (conference venue) is situated at U Slovanky 2525/1a, near the “Ládví” metro station on the Red Line (Line C). Travel time from “Nádraží Veveslavín” to the venue is approximately 30 minutes. Another convenient connection is from the Prague Main Railway Station (“Hlavní nádraží”), also located on Line C, from where the conference venue can be reached in about 15 minutes by metro.

Prague is famous for its historical city center, including Prague Castle, St. Vitus Cathedral, and the Charles Bridge. In addition, the city and its surroundings feature numerous UNESCO World Heritage Sites, making it one of the most attractive tourist destinations in Europe.