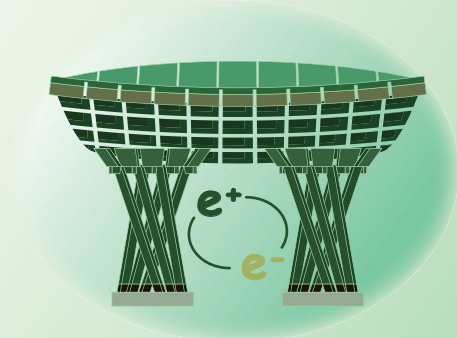


The 13th International Workshop on Positron and Positronium Chemistry (PPC13)

October 27– November 1,
2024, Kanazawa, Japan



Final Announcement



<https://www.ppc13.com/>
secretariat@ppc13.com

Welcome to PPC13

We are pleased to invite you to participate in the 13th International Workshop on Positron and Positronium Chemistry (PPC13). The workshop will be held from 27th October to 1st November 2024 in Kanazawa, Japan.

Scope

The workshop is intended to bring together scientists and researchers interested in studying various aspects of positron and positronium chemistry and to report on recent progress, and achievements as well as on novel experimental and theoretical methods in this field. The primary scope of the meeting is the direct exchange of information concerning various research disciplines specified below.

1. Fundamental aspects of positron and Ps chemistry (interaction of positron and Ps with atoms, molecules, or solid matter, Ps formation, etc.)
2. Positron chemistry for antimatter (antihydrogen, Ps, etc.) production
3. Theoretical and computational chemistry for positron and Ps species
4. Polymers and soft matter
5. Liquids and multiphase systems
6. Surfaces, interfaces, membranes, and layered structures
7. Porous materials, nanostructured and confined systems
8. Materials for industrial applications (nuclear, hydrogen energy technology, etc.)
9. Other non-metallic solids
10. Biological and medical applications of positron and Ps (e.g. Positron Emission Tomography)
11. Advances in experimental techniques, including positron beams

Keynote lecturers

- Yanching Jean (Univ. Missouri-Kansas City, USA)
- Dermot Green (Queen's Univ. Belfast, UK)
- Yoshinori Kobayashi (Tokyo Gakugei Univ., Japan)
- Makoto Fujiwara (TRIUMF, Canada)
- Seigo Kinuya (Kanazawa Univ., Japan)

Organizers

International scientific committee

A. Alam (UK) *Chair*
M. Butterling (Germany)
G. Consolati (Italy)
C.Q. He (China)
K. Ito (Japan) *Secretary*
J. Kuriplach (Czech Republic)
H.F.M. Mohamed (Egypt)
Y. Nagashima (Japan)
O. Šauša (Slovakia)
D.M. Schrader (USA) *Emeritus*
F. Selim (USA)
S.V. Stepanov (Russia)
K. Sudarshan (India)
R. Zaleski (Poland)

Local organizing committee

Tetsuya Hirade (JAEA) *Chair*
Yasuyuki Nagashima (Tokyo Univ. Sci.) *co-Chair*
Kenji Ito (AIST) *Secretariat*
Masanori Fujinami (Chiba Univ.)
Brian O'Rourke (AIST)
Toshitaka Oka (JAEA)

Masanori Tachikawa (Yokohoma City Univ.)
Kiminori Sato (Tokyo Gakugei Univ.)
Nagayasu Oshima (AIST)
Koji Michishio (AIST)
Luca Chiari (Chiba Univ.)
Yugo Nagata (Tokyo Univ. Sci.)
Akira Ishida (Univ. Tokyo)
Yoshinori Kobayashi (Tokyo Gakugei Univ.) *Emeritus*

Local executive team

Kenji Ito (AIST)
Toshitaka Oka (JAEA)
Akira Ishida (Univ. Tokyo)

Brian O'Rourke (AIST)
Koji Michishio (AIST)
Keita Kobayashi (AIST)
Yuhi Sada (Tokyo Univ. Sci.)

Tetsuya Hirade (JAEA)
Yasuyuki Nagashima (Tokyo Univ. Sci.)
Masanori Fujinami (Chiba Univ.)

Timetable

Keynote: 40 min, Invited: 25 min, Contributed: 20 min (Including discussion)
Round-table discussion: 20 min, Sponsor: 20 min

Sunday	28 Oct 2024	29 Oct 2024	30 Oct 2024	31 Oct 2024	1 Nov 2024	
	Conference room and workshop reception open at 8:15					8:30
						8:40
						8:50
	Opening & Memorial Talk	Keynote-03		Keynote-04		9:00
			Session D3-1			9:10
						9:20
	Keynote-01	Session D2-1			Session D5-1	9:30
						9:40
						9:50
	Break (25min)	Round Table	Break (25min)			10:00
				Session D4-1		10:10
		Break (25min)			Break (25min)	10:20
						10:30
				Break (25min)		10:40
			Session D3-2			10:50
	Session D1-1	Session D2-2		Session D4-2	Session D5-2	11:00
						11:10
						11:20
						11:30
						11:40
						11:50
			Lunch	ICPA20 Announcement	Break	12:00
						12:10
					Summary & Closing	12:20
	Lunch	Lunch		Lunch		12:30
						13:00
	Keynote-02					14:00
						14:10
						14:20
		Session D2-3				14:30
						14:40
	Session D1-2					14:50
					Break (25min)	15:00
						15:10
		Break (25min)		Keynote-05		15:20
			Excursion (13:00-)			15:30
	Break (25min)					15:40
				Session D4-4		15:50
						16:00
						16:10
						16:20
						16:30
		Session D2-4				16:40
						16:50
						17:00
						17:10
						17:20
						17:30
						17:40
						17:50
		Poster Session (17:30-19:30)				
			Excursion dinner	Banquet (19:00-)		
				at Kanazawa New Grand Hotel		
						19:00

Workshop reception:

- 16:00 – 18:00 on Oct 27 at Kanazawa New Grand Hotel (with the welcome party)
- From 8:15 on Oct 28 at the workshop venue

Poster session:

- Poster board size: 90cm (width) x 210cm (height)
- Poster boards are available from the afternoon of Oct 28.
- Thumbtacks are available at each booth.

Social events

The welcome party and workshop banquet will be at the Kanazawa New Grand Hotel near the workshop venue within 10 minutes' walking distance.

https://www.new-grand.co.jp/en_about



Welcome party:

16:00 – 18:00 on Oct 27 at ROI (12th floor) of the Kanazawa New Grand Hotel PRESTAGE

Workshop banquet:

19:00 – 21:00 on Oct 31 at Kinsen (4th floor) of the Kanazawa New Grand Hotel PRESTAGE

Excursion: afternoon on Oct 30

We will visit Gold-leaf Sakuda, Higashi Chaya District, and Noh Theater.

Welcome to **Gold-Leaf Sakuda**, launched in 1919, where you'll explore the rich tradition of gold-leaf production in Kanazawa. The artisans are committed to their craft, skillfully passing down techniques that require precision and patience through generations. We experience applying 100-nm-thick gold leaf to the top surface of a round plate to make a nice souvenir and memory.

<https://goldleaf-sakuda.jp/en/trial/>



We'll explore **Higashi Chaya**, the largest of Kanazawa's historical geisha districts. This well-preserved area from the Edo Period immerses you in Japan's rich culture. Many former geisha houses have been transformed into shops, restaurants, and cafes, blending traditional and contemporary experiences.

<https://chayagai.goldleaf-sakuda.jp/en/>



Noh is a performing art unique to Japan and is said to be the world's oldest form of drama performed today. It was also

Japan's first traditional performing art to receive Intangible World Cultural Heritage recognition from UNESCO. Some participants can try Japanese instruments on the Noh stage, built in 1932.

<https://noh-theater.jp/en/>



Workshop venue

The workshop will be held at the Kanazawa Chamber of Commerce and Industry in the downtown area of Kanazawa, Japan.

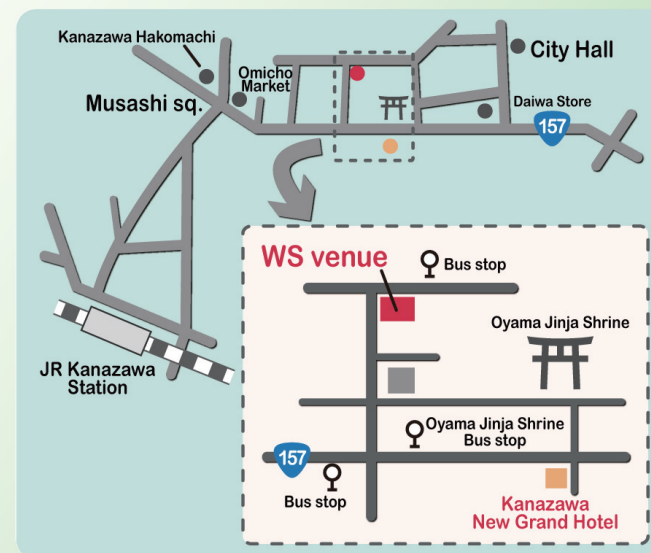
<https://maps.app.goo.gl/xZ4QwZoQTUuib3jH8>



Transport information:

From Kanazawa station

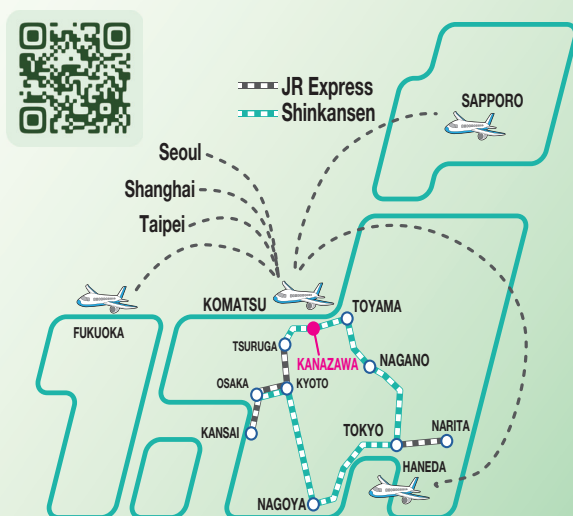
- Several minutes by taxi.
- ~10 minutes by public bus (departing every 10 to 15 minutes), getting off at the Oyama Jinja Shrine.
- 20 minutes by walking.



How to get Kanazawa?

Kanazawa City is accessible by Shinkansen/JR Express from Tokyo, Kyoto, and Osaka, as well as by domestic and international flights from Haneda, Fukuoka, Seoul, Shanghai and Taipei. Kanazawa is a city brimming with history and culture, and once flourished as the castle town of the Kaga domain about 400 years ago. Kanazawa is a compact, tourist-friendly city, with major attractions within a 2-km radius of the main train station.

<https://visitkanazawa.jp/en/getting-to-kanazawa>



Getting around Kanazawa city

Kanazawa is a compact city that is best explored on foot, but there are several convenient ways to get to and from places without a lot of walking. Buses and shared cycle services provide convenient ways to explore most of the city.

<https://visitkanazawa.jp/en/getting-around-kanazawa>



Abstracts

Please consult the details of the abstract at the WEB site. <https://www.ppc13.com/>

Proceedings

The workshop proceedings will be published in the Journal of Physics: Conference Series (IOP conference series).

The deadline for manuscript submission is November 15, 2024. Page limits: contributed (oral and poster), invited and keynote presentations are 4, 6, and 8 pages, respectively. One paper for each person is allowed to be submitted.

All manuscripts should be prepared following the journal guidelines at the WEB site:
<https://publishingsupport.iopscience.iop.org/author-guidelines-for-conference-proceedings/>



Schrader Award for Young Positron Scientists

A poster presentation award for young researchers is planned. Details will be announced shortly.

Registration fee inclusion

For Regular and Student:

- Access to all conferences
- Manuscript submission to Proceedings (one paper/person)

For all attendees:

- Conference bag
- Welcome party, banquet, and excursion
- Snacks and drinks at Coffee Breaks and lunches for 4 days
- Light meals and drinks at the poster session

Important dates

- Final announcement: October 1, 2024
- Workshop period:
October 27 to November 1, 2024
- Deadline for submission of manuscripts:
November 15, 2024

Auspices

日本陽電子科学会
Japanese Positron Science Society (JPOSS)

Sponsors



Contact

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Kenji Ito <secretariat@ppc13.com>
<https://www.ppc13.com/>

