

CPO-11

Eleventh International Conference on Charged Particle Optics

Local Organizer: Yoichi Ose (Hitachi High-Tech Corporation)

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We are pleased to announce that the 11-th International Conference on Charged Particle Optics, CPO-11, hosted by Electron Optics Design Technology Subcommittee of JMS, will take place in Fukui-city, Fukui-ken, JAPAN, from Oct. 15 to 18, 2024.

The series of conferences on charged particle optics evolved from the realization that there is great overlap in techniques and tools among three until then somewhat separate communities using charged particle optics techniques: The fields of accelerator optics, spectrometer optics, and electron optics. Beginning in 1980, the first three meetings in the series were organized by Hermann Wollnik, Karl Brown, and Peter Hawkes, each a representative of one of these fields. Since then, the CPO conferences have continued their role as a bridge between these disciplines, and a total of ten conferences on Charged Particle Optics have been held:

1980 Giessen, Germany	1986 Albuquerque, NM, USA
1990 Toulouse, France	1994 Tsukuba, Japan
1998 Delft, Netherland	2002 College Park, MD, USA
2006 Cambridge, England	2010 Singapore
2014 Brno, Czech Republic	2018 Key West, FL, USA

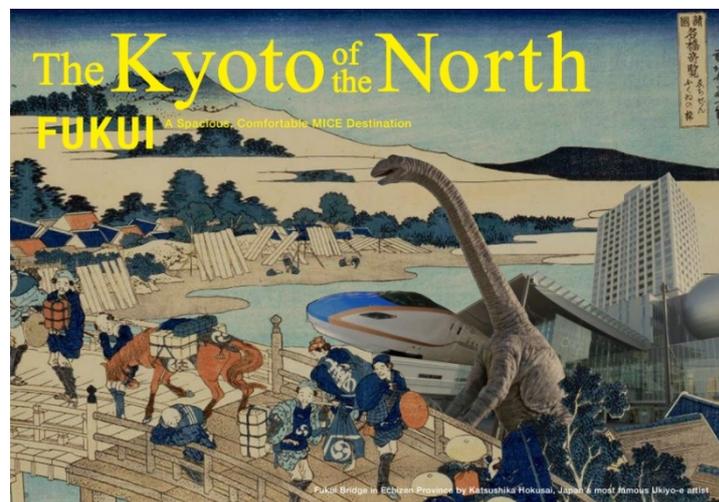
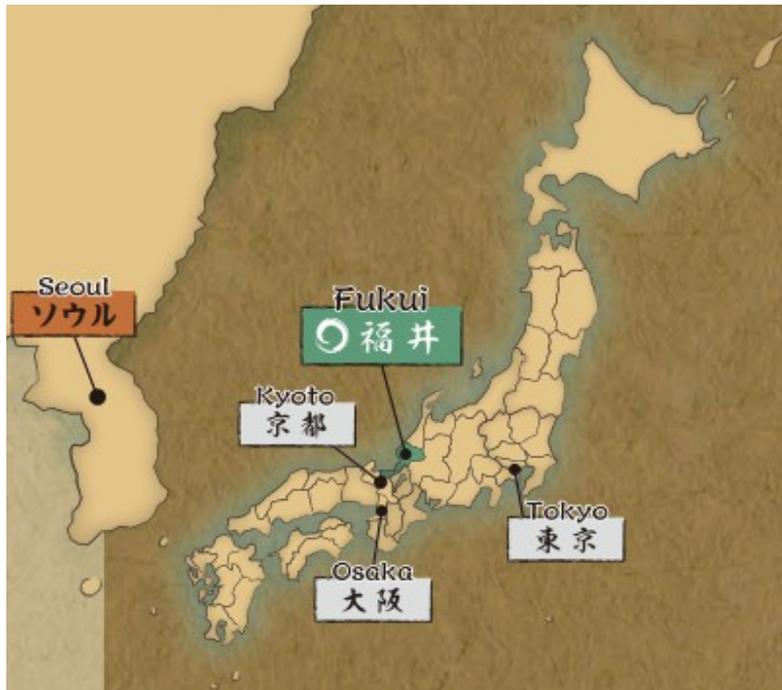
Now four decades after the first meeting, the formula is as attractive as ever. In the spirit of continuing to bridge three related fields, we are now launching the 11-th CPO conference, which will showcase a balanced program with much original material in each of the three areas. We welcome you to Fukui-city and look forward to meeting all of you at the conference.

1. Venue

Fukui Prefecture International Exchange Hall

Zip 910-0004

3-Chome 1-1, Hoei, Fukui-shi, Fukui



2. Date (2024/10-15-18)

Schedule (preliminary)

	10/15(Tue)	10/16(Wed)	10/17(Thu)	10/18(Fri)
AM1(9:00-10:30)		Session1	Poster	Poster
AM2(10:50-12:20)		Session2	Session5	Session6
PM1(13:30-15:00)		Session3	Excursion	Session7
PM2(15:20-16:50)		Session4	Excursion	Session8
PM3(17:30-19:30)	Reception	Banquet	Committee Meeting	Closing

Session1: Time Resolved EM

Session2: Mass Spectrometry and Applications

Session3: High Energy Accelerator and X-ray Sources

Session4: Aberration Correction and TEM/STEM

Session5: Optics Simulation Session6: Ion Sources, FIB and Applications

Session7: Electron Sources, LEEM and PEEM

Session8: AI and New Technologies

3. Deadlines (under construction)

4. Scientific Advisory Board (under construction)

5. Local Organizing Committee

CPO11 is hosted by Electron Optics Design Technology Subcommittee of JMS.

	name	affiliation
1	Yoichi Ose	Hitachi High-Tech
2	Ryuji Nishi	Fukui Institute of technology
3	Yasuhiko Sugiyama	Hitachi High-Tech
4	Shin Fujita	Shimazu
5	Akira Yonezawa	Former Holon
6	Eiichi Murata	Meijo Univ.
7	Shigeyuki Morishita	JEOL
8	Tadahiro Kawasaki	JFCC
9	Shigekazu Nagai	Mie Univ.