



Thermo2025 Kanazawa

19th International Conference on Thermochronology
Kanazawa, Ishikawa Pref., Japan
September 14-20th, 2025

First Circular

The 19th International Conference on Thermochronology will be held from September 14 to 20, 2025 at the Kanazawa Chamber of Commerce and Industry, in Kanazawa, Ishikawa Prefecture, Japan. The meeting will focus on the theory and application of fission track, noble gas, and other thermochronologic approaches.

The purpose of the conference is to enhance the active international thermochronology community to facilitate the exchange of ideas on the latest developments and discussion of important aspects of thermochronology and its modern applications in Earth Systems. The meeting will also include a pre-conference field trip and short courses.

The conference is organized by Japanese thermochronology groups with some researchers from Asia-Oceania. This first circular introduces basic information for the conference and venue, as well as field trips and short courses. Full details of the conference, including keynote and invited speakers will be communicated in the conference website:

<https://smartconf.jp/content/thermo2025/>

International Conferences on Thermochronology

The bi-annual conference on Thermochronology is home to the international workshops on Fission Track Thermochronology, held since 1978, and the European workshops on Thermochronology. It has become the foremost venue for thermochronologists to debate foundational and methodological matters pertaining to their science and its prospects.

Thermo2025 Program

The 19th International Conference on Thermochronology will focus on following two themes with broad topics:

- Methodological research
 - Low-temperature thermochronometers based on radiation damage (fission-track, optically stimulated luminescence, electronic spin resonance), noble gas dating (e.g., (U-Th)/He, Ar/Ar), high-temperature methods (e.g., U-Pb dating), numerical analysis and modeling.
- Applied research
 - On subduction and collision zones, passive margins, sedimentary basins, fault zones, natural resources, and surface processes, etc.

Timetable

2025.09.11 (THU.)-13 (SAT.)	Pre-field Trip
2025.09.14 (SUN.)	Registration Desk Open (16:00~) Icebreaker Party (18:00~) Short Course (09:30~)
2025.09.15 (MON.)	Scientific Program Poster Session
2025.09.16 (TUE.)	Scientific Program Poster Session
2025.09.17 (WED.)	Mid-Conference Field Trip
2025.09.18 (THU.)	Scientific Program Poster Session Conference Dinner & Award Ceremony
2025.09.19 (FRI.)	Scientific Program Poster Session Closing
2025.09.20 (SAT.)	Short Courses (09:30~)

Important Dates

Account creation: open now

Early-bird Registration: January to End of May 2025

Abstract Submission: January to End of April 2025

Regular Registration: June to End of August 2025

Program Release: July or August 2025

Venue and Transportation

The conference will take place at the Kanazawa Chamber of Commerce and Industry, in Kanazawa. Kanazawa City is located in Ishikawa Prefecture, the Hokuriku region: the northwestern part of Honshu Island, facing the Sea of Japan. Kanazawa has long been a central city of the Hokuriku region, part of the ancient Kaga province. Kanazawa offers a variety of attractions, including culinary delights, historical sites, and a blend of modern and traditional culture of Japan.

The closest airport to Kanazawa City is Komatsu Airport([website](#)), located in Ishikawa Prefecture. International flights arriving at Komatsu Airport are Seoul, Shanghai, and Taipei. If you plan to come from other cities, please check airports such as Osaka, Nagoya, or Tokyo (Haneda and Narita). For further information regarding transportation and accommodation, please refer to the website (<https://smartconf.jp/content/thermo2025/travel>)

Field Trips

The conference will also include a pre-conference field trip to the Hida Mountain Range, known as the place, where the world's youngest granites are exposed. Mid-conference field trips will consist of four optional destinations: 1) a tour of the major dinosaur museum in Fukui Pref., 2) a visit to the Noto Peninsula, 3) a field trip around Kanazawa city, and 4) an exploration of Japanese rice wine (sake) or whisky. For detailed information on these excursions and photos, please see the website (<https://smartconf.jp/content/thermo2025/trip>).

Short Courses

Short courses will be held before the conference (on the day of the icebreaker, Sunday, September 14) and after the conference (Saturday, September 20). The following short courses are planned. The exact schedule will depend on the number of participants and will be announced after registration closes. Please keep your travel schedule as flexible as possible! Note that multiple choice is available.

Statistics in geo-and thermo-chronology	Pieter Vermeesch (University College London)
Geospatial archival, dissemination and interrogation of thermochronology data	Samuel Boone (The University of Sydney)
Thermochronology for landform (age2exhume, Pecube-GUI)	Taylor Schildgen (GFZ Potsdam) Peter van der Beek (University of Potsdam)
Thermal history modelling by QTQt	Alyssa Abbey (California State University Long Beach) Mark Wildman (University of Glasgow) Kelly Gallagher (University of Rennes)
Thermal history modelling by HeFTy	Kendra Murray (Idaho State University) Andrea Stevens-Goddard (Indiana University) Richard Ketcham (University of Texas at Austin)
Using multi-sample thermal history modeling (HeFTy, FETKin) to test structural hypotheses	Chelsea Mackaman-Lofland (University of Tennessee Knoxville)

Registration

Please express your interest through the participant register form on the conference website to receive the 2nd circular, call for abstracts and other important information concerning the conference directly by e-mail.

Conference registration and abstract submission will open from 1st January 2025. Registration fees will be communicated at that time.

	General (incl. Post-Docs)	Student (incl. Master's & Doctoral Course)	Accompanying Person
Early-bird (Jan. - End of May 2025)	90,000 JPY	60,000 JPY	50,000 JPY
Regular (Jun. - End of Aug. 2025)	110,000 JPY	70,000 JPY	60,000 JPY
On-site (Sep. 14 - 20th, 2025)	120,000 JPY	80,000 JPY	70,000 JPY

Congress registration fee (General, Student) includes:

- Access to the lectures and poster sessions
- Ice-Breaker Party, coffee breaks, social dinner, lunch
- Attendance to short courses
- Mid-conference field trip (Can participate in only ONE field trip)
*While we strive to accommodate your preferences, we appreciate your understanding if we cannot meet all expectations.
- Abstract volume of the Congress

Accompanying Person:

- Accompanying person includes the Ice-Breaker Party, coffee breaks, social dinner and mid-conference field trip.
- For accompanying person, please provide their name at the time of the registration. Additionally, please select the accompanying payment option from the option menu.
- Please note that the change of the registration fee for the accompanying person will be made by 12:00 pm (JST) on the day following the deadline.

Organizing Committee

Takahiro Tagami	Kyoto University
Noriko Hasebe	Kanazawa University
Shigeru Sueoka	Japan Atomic Energy Agency (JAEA)
Tohru Danhara	Kyoto FT Co., Ltd
Hideki Iwano	Kyoto FT, Co., Ltd.
Hisatoshi Ito	Central Research Institute of Electric Power Industry (CRIEPI)
Ryuji Yamada	National Research Institute for Earth Science and Disaster Prevention (NIED)
Yuji Sano	Kochi Core Center
Hiroto Ohira	Shimane University
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Masafumi Sudo	Potsdam University
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