

May 1, 2024

RPMBT22

Second circular



URL: <https://project.ccs.tsukuba.ac.jp/e/RPMBT22>

Dear Colleagues

The 22nd International Conference on **Recent Progress in Many-Body Theories** (RPMBT22) will be held from **23 to 27 September 2024**, in Tsukuba, Japan. A series of the conferences offers an ideal opportunity to recognize important achievements and to showcase significant new results in various aspects of many-body physics.

Scientific Program includes

- Computational quantum many-body physics
- Condensed matter physics
- Non-equilibrium many-body phenomena
- Nuclear and subnuclear physics
- Quantum chemistry, atomic and molecular physics
- Quantum fluids and ultracold gases
- Quantum information and computation
- Other topics in new frontiers

During the conference, we will organize a session devoted to two awards, *Feenberg Memorial Medal* and *Hermann Kümmel Early Achievement Award*. The Feenberg Medal is awarded for work that is firmly established and that can be demonstrated to have significantly advanced the field of many-body physics, while the Kümmel Award aims

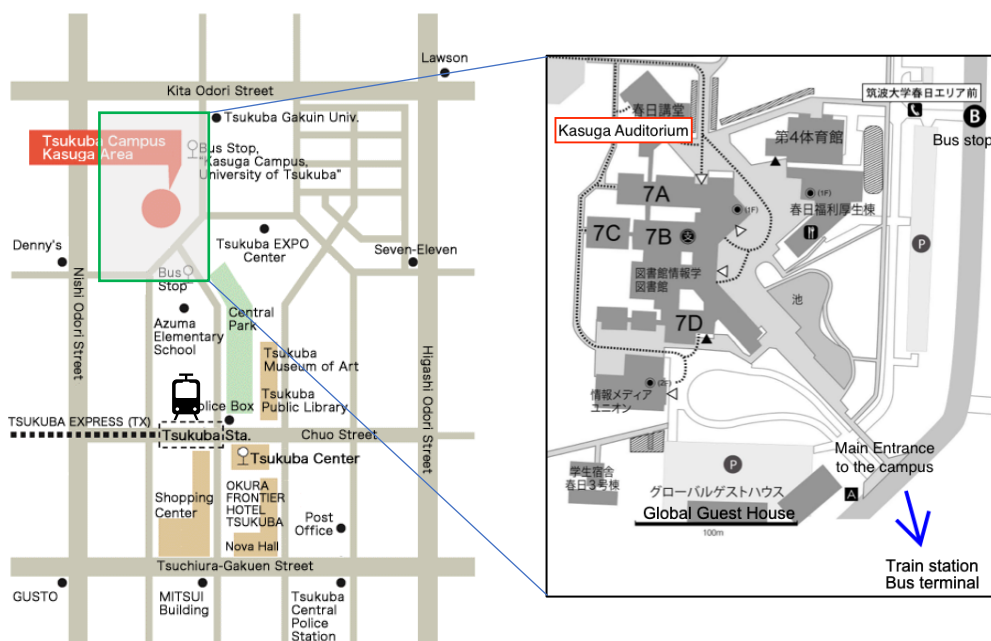


to encourage and reward young excellence in the field of quantum many-body theory. The both awardees, who will be announced in June-July 2024 by the selection committee, are supposed to give presentations.



Conference Venue

The conference will be held in Kasuga Auditorium (春日講堂) in University of Tsukuba, Tsukuba City, Japan. The venue is conveniently located within walking distance from Tsukuba station of Tsukuba Express (TX) Line and from Tsukuba Center bus terminal.



Abstract Submission (Deadline: June 1st, 2024)

We now call for the abstract submission for both oral and poster presentations in the conference. The deadline for the abstract submission is June 1st, 2024. Decision of acceptance of oral/poster presentations will be made by the Committee upon evaluation of the submitted abstracts by the beginning of July. Each participant can submit only one abstract as a speaker of the oral presentation, however, is allowed to submit more than one abstract for the poster

presentation.

The abstract can be either prepared as a PDF file of one-page format (A4 or letter size), or directly written on the [web site](#). To submit the abstract, you must first create an indico account. Please go to “Call for Abstracts” in the left menu of the page and follow the instruction.

Registration

The registration will open soon. We are trying to minimize the registration fee of the conference, most probably about 30,000 JPY, which is roughly equal to 200 USD. We also plan to have a discount fee for students. Details will be announced in near future.

Financial support for young researchers

The RPMBT22 is planning to provide a limited amount of financial assistance to support participation of young researchers including students. This financial assistance may be offered for those who submit the abstract and present their works in the conference. Details will be given later.

Travel Information

Tsukuba station (Tsukuba Center) is easily accessed by two major Tokyo international airports, Narita and Haneda airports. Unfortunately, the airport buses are significantly reduced since the COVID-19 pandemic. Currently, six limousine buses daily run to Tsukuba Center from Narita airport, and only two services from Haneda. We hope to have more services in September 2024. There is also a small international airport nearby, Ibaraki airport, however, the limousine bus services between Ibaraki airport and Tsukuba city are not available since the COVID-19 pandemic. Thus, we do not recommend the participants to use Ibaraki airport, especially for overseas participants. You may find more details on [our web site](#), from “Travel to Tsukuba” from the left menu.

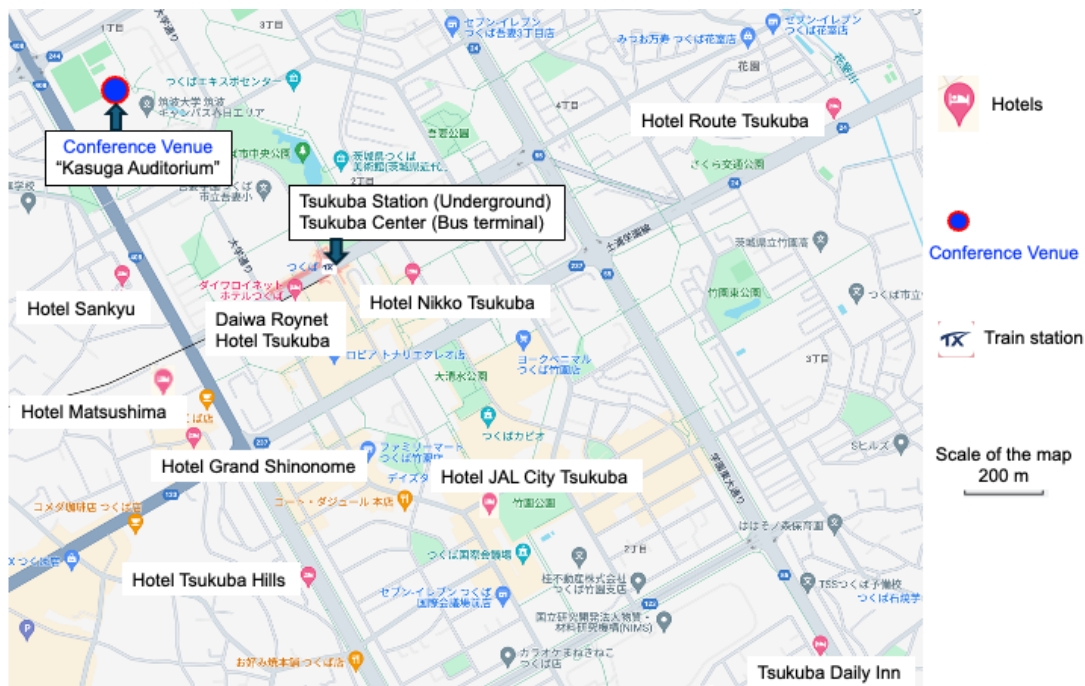
From Akihabara station in Tokyo, “Rapid” trains (TX Line) reach Tsukuba station in 45 minutes and “Local” trains take 1 hour. From Aasakusa station, it takes 40 minutes to Tsukuba. There are direct highway buses from Yaesu (八重洲) bus terminal of Tokyo station, approximately every 30 minutes, which takes 70-100 minutes.

Accommodation

We have special rates for the participants in the following hotels:

- Hotel Nikko Tsukuba
- Hotel JAL City Tsukuba

Several other hotels are available around Tsukuba station. Those on the map below are located within the walking distance (less than about 30 minutes). The list of those suggested hotels is given on [the web](#). Go to “Accommodation” from the left menu and follow the instruction.



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Contact information

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We look forward to seeing you in Tsukuba, in September, 2024.

Best regards,

The RPMBT-22 Local Organizing Committee