

Osaka University Hamadohri Environmental Radiation school IEEE/NPSS Radiation Measurements school

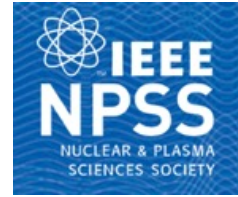
<https://indico.rcnp.osaka-u.ac.jp/e/EduCom2024>



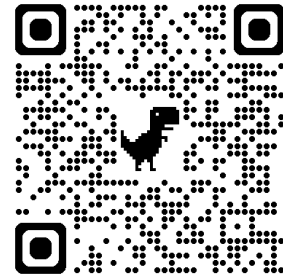
9 - 17 September 2024

Fukushima Hamadohri, Japan

Venue: Osaka University Hamadohri campus



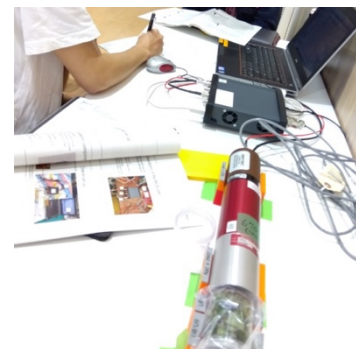
Osaka University Hamadohri Environmental Radiation school is followed by IEEE/NPSS radiation measurement school 2024. Selected students are invited to them. The radiation measurement school requires minimum knowledge on radiation. Last year of undergraduate to PhD students are expected.



Hamadohri school

Hamadohri school focus on the Great East Japan Earthquake that occurred on March 11, 2011, particularly from the viewpoint of radiation, with the aim of understanding what happened at that time, the subsequent evacuation and reconstruction process, and the current situation from both natural and social scientific viewpoints, and to deepen the students' individual ideas. The purpose of this course is to deepen the students' own understanding of the situation in the region and to deepen their own ideas.

Many residents have not only suffered direct damage from the earthquake, tsunami, and subsequent nuclear accident, but have also been afflicted with a variety of derivative problems, such as insecurity and inconvenience in evacuation centers, community fragmentation, discrimination, and harmful rumors. We are only slightly aware of the situation through the mass media, but we can hardly feel the reality of the situation. In this workshop, we will visit the affected areas, measure the current radiation levels ourselves, and understand the biological effects from a scientific perspective. We will also hear directly from local residents about how they have lived their lives and what they have experienced since the disaster. Students will discuss and deepen their ideas about how they should respond to the situation, what they can do in the future, and how Japan should respond to reconstruction measures, disaster response, energy issues, etc.



Climate Change workshop

In between two workshops, we will have one day workshop, IEEE/NPSS Climate Change Initiative Workshop 2024. Students are expected to join the workshop. We are calling for Technical Ideas on Climate Change and Sustainability. 10 students will be invited to present their idea. The best idea will be invited to the next workshop in Tampa, US.

Radiation measurements school

The school is hands-on exercises for radiation measurements. Students will learn more precise measurements of soil samples.

Application

For the selected students, the workshop supports local expense (including local transportation) for Hamadohri Environmental Radiation School 9-13 September, Climate change workshop 14 September and Radiation measurements school 15-17 September. The limited support for airfare is also possible.

Please visit Web page <https://indico.rcnp.osaka-u.ac.jp/e/Educom2024>. Apply through the registration page by 8 July.

The radiation measurement school requires minimum knowledge on radiation. Last year of undergraduate to PhD students are expected. If you are not interested in this technical school, please apply at <https://indico.rcnp.osaka-u.ac.jp/e/CC2024>

We may make remote interview to select students if necessary.

Organization

The Hamadohri school is organized by Osaka University, Institute for Radiation Science and Research Center for Nuclear Physics. The workshop is sponsored by IEEE/NPSS Climate Change Initiative. The radiation measurements school is sponsored by IEEE/NPSS EduCom.