

Nuclear Photonics 2020 Second Circular

www.photon.osaka-u.ac.jp/NP2020Kurashiki

June 1-5, 2020, Kurashiki, Japan

The Keynote Speakers



Prof. Victor Malka
Weizmann Institute of Science
Israel

Prof. Andreas Zilges
University of Cologne
Germany

Prof. Georg Korn

ELI-Beam Lines

Czech Republic

The field of photon based nuclear science and applications is evolving rapidly being driven by the major worldwide developments of ultrahigh intensity lasers and brilliant quasi monochromatic gamma ray beam systems. The 3rd International Conference on Nuclear Photonics (NP2020) will be held during June 1–5, 2020 in Kurashiki, Japan. The conference will be organized by the Institute of Laser Engineering (ILE) and Research Center for Nuclear Physics (RCNP), under Institute for Open and Transdisciplinary Research Initiatives (OTRI), Osaka University, Osaka Japan. Nuclear Photonics 2020 aims at bringing together leading scientists, researchers and research scholars from around the world involved in the fields of high energy density physics, high power laser photonics, nuclear physics, astrophysics, accelerator and detector science, and their applications for exchanging and sharing the experience and most recent results. Nuclear Photonics 2020 is organized in cooperation with the International Atomic Energy Agency (IAEA).







Scope of the conference

The field of photon-based nuclear science and applications is evolving rapidly being driven by the major worldwide developments of ultrahigh intensity lasers and brilliant quasi-monochromatic gamma-ray beam systems. **Nuclear Photonics 2020** aims at bringing together leading scientists, researchers and research scholars from around the world involved in the fields of high energy density physics, high power laser photonics, nuclear physics, astrophysics, accelerator and detector science, and their applications for exchanging and sharing the experience and most recent results

The focus of Nuclear Photonics 2020 will be on the following main topics:

- Interactions between photons and nucleus/hadrons/particles
- Laser-plasma nuclear physics
- High intensity laser-plasma interactions
- Laser Compton scattering gamma rays
- Photon-enabled secondary beams (ion, neutron, electron, positron, etc.) generation and its applications
- Photon-based production of rare isotopes
- Nuclear astrophysics and cosmology
- Fundamental photon science
- Strong field QED
- Photon vortex and unique wave function photons
- Isotope-specific nuclear materials detection, imaging, and evaluation
- Medical radioisotopes for radiography and radiotherapy
- Ultrahigh intensity laser optics and technology
- Accelerator and detector science

Important dates

Abstract submission closes: January 8, 2020

Notification to authors: March 1, 2020

Early-bird registration deadline: March 31, 2020

Please visit the conference web site, and start your registration process:

www.photon.osaka-u.ac.jp/NP2020Kurashiki

Hotel Reservation Page is available at the registration page.

We have reserved rooms for the participants at the conference venue, Kurahiki Ivy Square.



Venue

The conference venue, "Kurashiki Ivy Square" preserves the outward appearance of Kurabo spinning mill factory built in 1889, and was proclaimed as National Modernization Industrial Heritage by Japanese government in 2007. Kurashiki Ivy Square is close to the historical area of Kurashiki city.

Getting to Kurashiki from Okayama Airport (OKJ)

You should take a shuttle bus to Kurashiki. It costs 1,130 JPY and takes 35 min directly to Kurashiki Station.

The conference site is about 15 min walk from the station.

Getting to Kurashiki from Kansai International Airport (KIX)

Typical way to Kurashiki from KIX is a JR train trip.

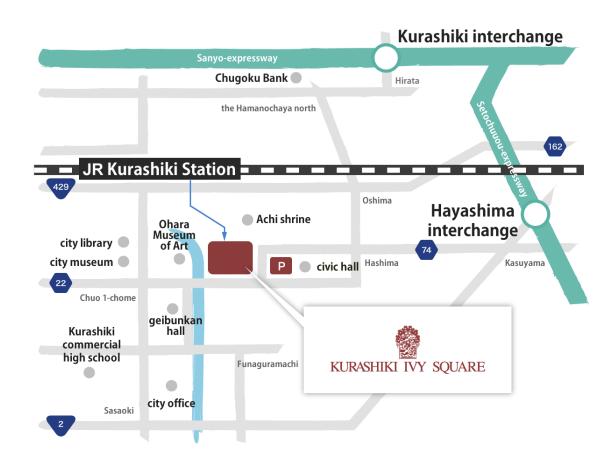
It will cost about 8,000 JPY. At Kansai Airport Station (JR), you can buy the tickets for all the way to Kurashiki.

You need to change trains twice at Shin-Osaka station and Okayama station.

To Shin-Osaka Station: Take the Limited Express "Haruka".

To Okayama Station: Take the Shinkansen (Bullet Train).

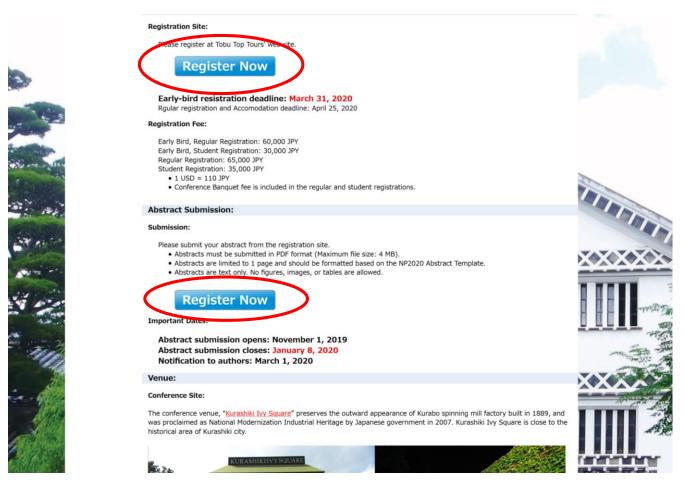
To Kurashiki Station: Take a local train (JR Sanyo Line).



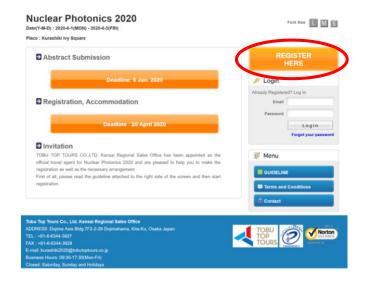


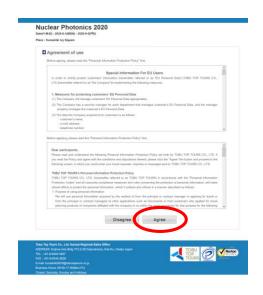
How to submit your abstract?

Step 1: Push the "Register Now" button on the web page.



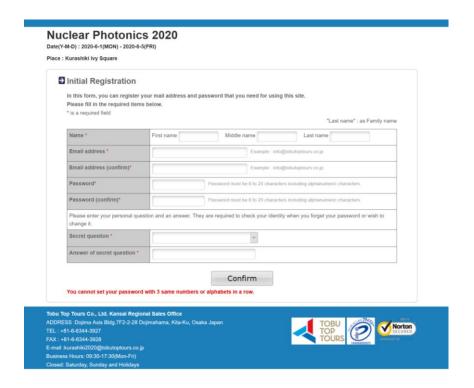
Step 2: Push the "Register Here" button, and agree to "Personal Information Protection Policy".



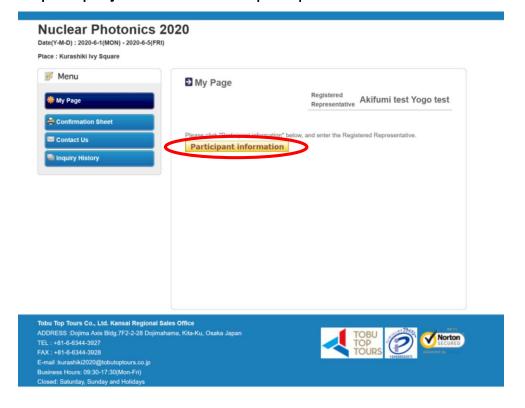




Step 3: Input your name, e-mail address, and password to create your "My Page".

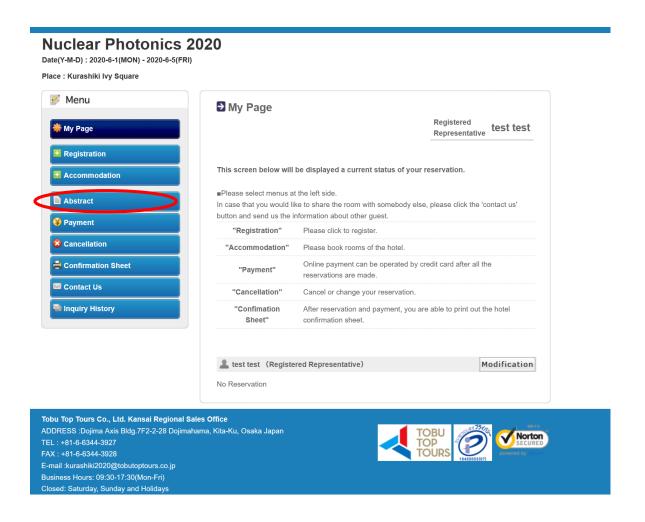


Step 4: Input your information as a participant.





Step 5: Now, your "My Page" is ready. Please find "Abstract" button on the Menu. The conference registration, reservation of accommodation, and conference payment are also available in this Menu.





The Local Chairs visited Kurashiki!























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