



**20th International Symposium on
LASER-AIDED PLASMA DIAGNOSTICS**
Kyoto Garden Palace Hotel, Kyoto, Japan, September 10 – September 14, 2023



November 14th 2024

Dear Colleagues:

This is the third announcement of the 20th International Symposium on Laser-Aided Plasma Diagnostics (LAPD20). This Symposium is being organized jointly by the National Institute for Fusion Science and Hokkaido University, and will take place from Sunday, 10th September 2023 to Thursday, 14th September 2023 at Kyoto Garden Palace Hotel, Kyoto, Japan.

LAPD20 was originally scheduled in 2021, however, due to the COVID pandemic, the symposium is postponed until 2023. Presently (November 2022), Japan keeps some restrictions on COVID pandemic. This is different from the situation in Europe and US. The symposium website is at <https://lapd20.nifs.ac.jp/> and will be the main source for information about the meeting. The Local Organizing Committee welcomes questions about the symposium at lapd20@nifs.ac.jp. The COVID restriction in Japan are shown in web sited and latest information are updated.

The LAPD20 Symposium is a continuation of the biennial series that began at Kyushu University in 1983 (the source of the logo for the symposium). It brings together physicists and chemists from different disciplines in various laser-based plasma diagnostic areas, such as laser physics, low-temperature plasma chemistry and physics, and the physics of nuclear fusion. The symposium is a unique and fruitful meeting for cross-pollination between these fields. The symposium covers all diagnostics aided by electromagnetic waves (lasers and microwaves) applied to fusion plasmas, industrial process plasmas, environmental plasmas, plasmas for medical applications, atmospheric plasmas, plasmas in liquids and other plasma applications. Hardware developments related to laser-aided plasma diagnostics are also welcome.

You are invited to share your latest research progress in the above-mentioned areas with experts from around the world at this symposium. The deadlines and abstract submission guidelines will be declared in the fourth announcement in March 2023. The International Scientific Committee (listed below) will select speakers for invited general and topical lectures.

Kyoto Garden Palace Hotel is located at the front of Kyoto Imperial Palace and close to the center of Kyoto city. Frequent bus and underground services to the center of the city are available. Also, the city center is about 40-minutes walk away. Further information on the Kyoto Garden Palace Hotel is obtainable at <https://www.hotelgp-kyoto.com/english/>. Kyoto is one of the most popular places in Japan for visitors. This city was the capital of Japan from 8th century until the middle of the 19th century. There are plenty of historical places to visit. Accommodation details will be provided on the symposium website.

Best regards,

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Chair of the Local Organizing Committee of LAPD20
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International Scientific Committee

P. Bilkova (Chair), Institute of Plasma Physics, Czech Republic
J. P. Booth, Ecole Polytechnique, Palaiseau, France
A. Diallo, Princeton Plasma Physics Laboratory, Princeton, USA
R. Engeln, Eindhoven University of Technology, Netherland
Ivo Furno, Swiss Plasma Center (SPC), Ecole Polytechnique Fédérale Lausanne (EPFL), Switzerland
L. Giudicotti, University of Padova, Italy
Y-C. Ghim, Korea Advanced Institute of Science and Technology, South Korea (Vice Chair)
J. P. van Helden, Leibniz Institute for Plasma Science and Technology, Germany
H. Liu, Institute of Plasma Physics Chinese Academy of Sciences, China
K. Sasaki, Hokkaido University, Japan
F. Skiff, University of Iowa, USA
K. Tanaka, National Institute for Fusion Science, Japan (LOC Chair)