

The 5th Smart Laser Processing Conference SLPC 2024

Organized by

Japan Laser Processing Society (JLPS)

Joining and Welding Research Institute (JWRI) Osaka University, Japan

OPI Council, Japan

Conference

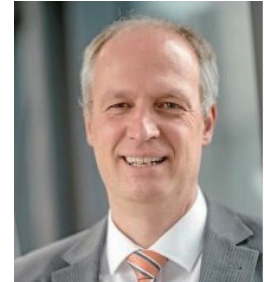
Conference Chair
Masahiro Tsukamoto

*JWRI, Osaka University,
Japan*



Conference Co-Chair
Andreas Ostendorf

*Applied Laser Technologies,
Ruhr University Bochum,
Germany*



On behalf of the organizing committee, it is our great pleasure to welcome you to SLPC 2024 The 5th Smart Laser Processing Conference. Since 2014, the past SLPC conferences were launched with generous supports from many scientists and engineers in the fields of laser materials processing. Except SLPC 2020 which was cancelled due to the COVID-19, SLPC conferences were the great successes with the fine scientists and engineers attending. And now, the 5th SLPC conference is held at PACIFICO Yokohama again to encourage rapid development of laser processing technologies.

SLPC 2024 deals with science and technology of smart laser materials processing including micro- and macro-processing. SLPC 2024 aims at providing a forum for discussion of fundamental aspects of laser-matter interaction, and the state-of-the-art of smart laser materials processing, in addition to fostering next generation concepts and innovation by collaboration among participants including scientists, end users and laser manufacturers. We wish smart laser materials processing technologies would spread all over the world through this conference. SLPC 2024 is the 3-day event which consists of a plenary session, regular oral sessions, and poster session, collaborating with other 15 professional conferences in OPIC 2024 Optics & Photonics International Congress 2024. The conference site, Yokohama, is one of the famous port towns in Japan, and many technologies had been spread all in Japan through here.

We would like to express our sincere thanks to all the presenters, in particular the plenary and the invited speakers, cooperating societies, media partners, and our sponsors. We would also like to thank the chairs and the members of program committee, steering committee, international advisory committee, and the secretariat. Thank you very much for attending, and we sincerely hope you enjoy your time at the good season of fresh green leaves in Yokohama.

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Co-Chair

Andreas Ostendorf *Applied Laser Technologies, Ruhr University Bochum, Germany*

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