

SCOPE

- High-power lasers, quantum beams and applications
- Laser and quantum beams for imaging, inspection and production
- Laser electron acceleration and FELs
- Ion beam generation and medical applications
- Material science and engineering with quantum beams
- Chemistry, biology and medicine with quantum beams
- Novel particle acceleration principles and applications
- Numerical experiments in quantum beam researches

Date: 11 - 14 November 2024
Venue: SANKEN, Osaka University JAPAN



**Quantum Beam Application
for Sciences and Industries 2024**

Attention! **The conference is by invitation only.**
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Plenary speakers

Carl Schroeder, Lawrence Berkeley National Laboratory (USA)
Takashi Nakano, Research Center for Nuclear Physics, Osaka Univ. (Japan)
Kaoru Yamanouchi, Univ. of Tokyo (Japan)



Invited speakers

(Arbitrary order)

Laurent BERTHE, PIMM, CNRS (France)
Gerrit BRUHAUG, Los Alamos National Laboratory (USA)
Jianhui BIN, Shanghai Institute of Optics and Fine Mechanics (China)
Sam BARBER, Lawrence Berkeley National Laboratory (USA)
Jared De CHANT, Lawrence Berkeley National Laboratory (USA)
Liming CHEN, Shanghai Jiao Tong University (China)
Marie-Emmanuelle COUPRIE, SOLEIL Synchrotron (France)
Eric ESAREY, Lawrence Berkeley National Laboratory (USA)
Domenico FURFARI, Airbus Operations GmbH (Germany)
Jerome FAURE, LOA, Ecole Polytechnique (France)
Jie FENG, Shanghai Jiao Tong University (China)
Matt FREEMAN, Los Alamos National Laboratory (USA)
Ke FENG, Shanghai Institute of Optics and Fine Mechanics (China)
Wentao WANG, Shanghai Institute of Optics and Fine Mechanics (China)
Jamie INMAN, Lawrence Berkeley National Laboratory (USA)
Kenich ISHIKAWA, The University of Tokyo (Japan)
Masaki KANDO, KPSI, QST(Japan)
Yohei KOBAYASHI, The University of Tokyo (Japan)
Daniele MARGARONE, ELI Beamlines (Czech Rep.)
Rodrigo Lopez-MARTENS, LOA, Ecole Polytechnique (France)
Fesseha MARIAM, Los Alamos National Laboratory (USA)
Kazumasa MINAMI, Osaka University (Japan)
Haruo MIYADERA, Toshiba Corporation (Japan)

Tomas MOCEK, APRI-GIST (Korea) & HiLASE (Czech Rep.)
Takeharu NAGAI, SANKEN, Osaka University (Japan)
Tomohito OTOBE, KPSI, QST (Japan)
Hironao SAKAKI, KPSI, QST (Japan)
Tomokazu SANO, Osaka University (Japan)
John SCHMIDT, Los Alamos National Laboratory (USA)
Martin SCHANZ, GSI (Germany)
Hitoki YONEDA, University of Electro-Communications (Japan)
Rakesh D. SHIKNE, ILS, University of Electro-Communications (Japan)
Shinichi SHIMIZU, Osaka University (Japan)
Keitaro TANOI, The University of Tokyo (Japan)

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Japan Laser Corporation
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OPTOQUEST CO., LTD.
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Conference Chairs



Yuji Sano,
IMS / SANKEN, Osaka Univ. (Japan) /
Program Manager, JST-Mirai Program



Tomonao Hosokai,
SANKEN, Osaka Univ. /
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