

## 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
- U.S. - Japan Forum for Advanced Accelerators

# 24 - 27 April 2023

# Q-BASIS 2023

Quantum Beam Application  
for Sciences and Industries 2023  
SANKEN, Osaka University JAPAN  
<https://www.sanken.osaka-u.ac.jp/QBASIS2023>



# CALL FOR PAPERS

## Invited Speakers

**Mei Bai**, SLAC, Stanford Univ. (USA)  
**Laurent Berthe**, PIMM, CNRS (France)  
**Liming Chen**, Shanghai Jiao Tong Univ. (China)  
**Min Chen**, Shanghai Jiao Tong Univ. (China)  
**Marie-Emmanuelle Couprie**, SOLEIL Synchrotron (France)  
**Eric Esarey**, Lawrence Berkeley National Lab. (USA)  
**Domenico Furfari**, Airbus Operations GmbH (Germany)  
**Spencer Gessner**, SLAC, Stanford Univ. (USA)  
**Noboru Hasegawa**, KPSI, QST(Japan)  
**Yusuke Ito**, Univ. Tokyo (Japan)  
**Takayasu Kawasaki**, KEK (Japan)  
**Thomas Kluge**, Helmholtz-Zentrum Dresden-Rossendorf (Germany)  
**Masahiko Koizumi**, Osaka Univ. (Japan)  
**Rodrigo Lopez-Martens**, LOA, Ecole Polytechnique (France)  
**Fesseha Mariam**, Los Alamos National Lab. (USA)  
**Haruo Miyadera**, Toshiba Energy Systems & Solutions Corporation (Japan)  
**Takeharu Nagai**, Osaka Univ. (Japan)  
**Tomas Mocek**, HiLASE (Czech Rep.)  
**Keiichi Nakagawa**, Univ. Tokyo (Japan)  
**Kei Nakamura**, Lawrence Berkeley National Lab. (USA)  
**Makoto Ochiai**, Toshiba Energy Systems & Solutions Corporation (Japan)  
**Yoshie Otake**, RIKEN (Japan)  
**Tomokazu Sano**, Osaka Univ. (Japan)  
**Takashi Sekine**, Hamamatsu Photonics K.K. (Japan)  
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**Kentaro Uesugi**, JASRI (Japan)  
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**Victor Malka**, Weizmann Institute of Science (Israel)  
**Jerome Faure**, LOA, Ecole Polytechnique (France)  
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**Marie-Emmanuelle Couprie**, SOLEIL Synchrotron (France)  
**Leonida A. Gizzi**, INO-CNR / INFN (Italy)  
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**François Sylla**, SourceLAB-Laser Plasma Technologies (France)

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