

## The Joint Symposium on Optical and Quantum Beam Science (OPTO2022)

Date :	28 th June, 2022 13:00-17:30 29 th June, 2022 9:00-16:40
Venue:	National Institutes for Quantum Science and Technology, Kansai Photon Science Institute
Conference method:	Online (Zoom) / Poster session: Virtual events (Remo)
Joint :	Power Laser DX Platform Symposium 28 th June, 2022 9:00-12:00

<b>6/28 (Tue) POWER LASER DX PLATFORM SYMPOSIUM 2022</b>	
9:00-9:05	Opening Remarks : R. Kodama (ILE Osaka Univ., Director)
9:05-9:10	Greetings from Representative Organizations : T. Onoue (Osaka Univ. Director·Vice president)
9:10-9:15	Greetings from MEXT : T. Watanabe (Science and Technology Policy Bureau, MEXT)
9:15-9:45	Keynote : Open Data Science in Materials Science (tentative) M. Ishii (NIMS Research and Services Division of Materials Data and Integrated System)
9:45-10:05	Introduction of Power Laser DX Platform S. Fujioka (ILE Osaka Univ.)
10:05-10:20	Introduction of RIKEN SPring-8 Center's power laser equipment T. Yabuuchi (RIKEN SPring-8 Center)
10:20-10:30	Break
10:30-10:45	Introduction of QST Kansai Photon Science Institute's power laser equipment Y. Mashiba (Kansai Photon Science Institute, QST)
10:45-11:00	Introduction of Institute for Chemical Reserch's power laser equipment S. Masuno (ICR, Kyoto Univ.)
11:00-11:15	Introduction of The Institute for Solid State Phyics's power laser equipment Y. Kobayashi (ISSP, U. Tokyo)
11:15-11:35	Introduction of Advanced Research Facilities Platform Project NMR Platform : T. Kikawa (RIKE Center for Biosystems Dynamics Research) Microscopic Imaging Solution Platform : K. Abe (Creative Research Institution, Hokkaido Univ.) MRI Platform : S. Satio (Graduate School of Medicine Faculty of Medicine, Osaka Univ.)
11:35-11:55	Introducing the winners of the Familiar Research DX Contest
11:55-12:00	Closing Remarks :T. Kawachi (Kansai Photon Science Institute, QST, Director)

<b>OPTO2022</b>	
13:00-13:10	Opening Remarks : R. Kodama (ILE Osaka Univ., Director)
13:10-13:40	Terahertz time-domain ellipsometry with high precision for semiconductor evaluation Verdad.C.Agulto (ILE Osaka Univ.)
13:40-14:10	Theoretical and numerical studies for the nonlinear laser-matter interactions T. Otobe (Kansai Photon Science Institute, QST)
14:10-14:40	Japan-U.S. Cooperation in High Energy Density Science and the Impact of NIF Achivement on IFE Y. Sentoku (ILE Osaka Univ.)
14:40-15:10	Generation of energetic radiation due to lightning activity and its mechanism T. Torii (Fukushima Univ.)
15:10-15:20	Break
15:20-16:00	Memorial Lecture for Prof. Junji Kawanaka Condolence : R. Kodama (ILE Osaka Univ.) Memorial lecture : S. Tokita (Kyoto Univ.)
16:00-17:30	Poster Session1 (Online : Remo)
17:30	Close

6/29 (Wed)		OPTO2022
9:00-9:30	Improvement of temporal contrast with plasma mirror at J-KAREN-P laser A. Kon (Kansai Photon Science Institute, QST)	
9:30-10:00	Energetic ion acceleration by direct irradiation of large-area suspended graphene with J-KAREN laser Y. Kuramitsu (School of Engineering, Osaka Univ.)	
10:00-12:00	Poster Session2 (Online : Remo)	
12:00-13:00	Lunch break	
13:00-13:30	The study of the solar system formation and the origin of laser-driven neutrons T. Hayakawa (Tokai Quantum Beam Science Center, QST)	
13:30-14:00	High-power laser experiment forming a supercritical collisionless shock in a magnetized plasma R. Yamazaki (Aoyama Gakuin Univ.)	
14:00-14:45	Power Laser Community Meeting A. Yogo (ILE Osaka Univ.)	
14:45-15:00	Break	
15:00-15:15	Kondo Prize Award Ceremony	
15:15-15:45	Kondo Award Memorial Lecture(Best Paper Award)	
15:45-16:15	Kondo Award Memorial Lecture(Technology Award)	
16:15-16:30	Poster Award Ceremony R. Kodama (ILE Osaka Univ., Director) T. Kawachi (Kansai Photon Science Institute, QST, Director)	
16:30-16:40	Closing Remarks :T. Kawachi (Kansai Photon Science Institute, QST, Director)	
16:40	Close	