

PROGRAM

Opening

Yasuo Suzuki (Council Member of SCJ)

Opening Remarks

Miyoko Watanabe (Vice-president, SCJ)

Patricia Falcone (Deputy Director, LLNL)

Shojiro Nishio (President, Osaka University) *presented by **Kazuhiko Hasegawa** (Director, North America Branch, Osaka University)

Kazutoshi Aikawa (Deputy Chief of Mission, Embassy of Japan in the USA)

Tomihiko Oishi (Chairman, IFE Forum; Kansai Electric Power Co., INC.)

Keynote Lecture

Science and technology policy in Japan (tentative)

Sonoko Watanabe (Deputy Director-General, Science and Technology Policy Bureau, MEXT)

US science and technology policy

James Van Dam (Associate Director, Office of Fusion Energy Sciences, DOE)

High energy density science research in Japan

Ryosuke Kodama (Director, ILE, Osaka University)

Lecture

Prospects and issues of power laser and photon beam science

Dimitri Kusnezov (Chief Scientist and Senior Advisor to the Secretary, NNSA, DOE)

Current status and future of NIF

Mark Herrmann (NIF Director, LLNL)

Development of power laser and photon beam science technology

Tetsuya Kawachi (Director, Kansai Photon Science Institute, QST)

Current status and future of Laboratory for Laser Energetics

Michael Campbell (Director, LLE, University of Rochester)

Advanced high energy photon science and technology at RIKEN

Tetsuya Ishikawa (Director, RIKEN SPring-8 center)

Advance photon science and technology at LCLS

Mike Dunne (Director, Linac Coherent Light Source, SLAC)

Panel Discussion

— Discussions on energy science & technology and high-power laser —

Coordinator: **Shunsuke Kondo** (Member of SCJ; Nuclear Waste Management Organization of Japan)

Panelists:

Michael Campbell

Mike Dunne

Frank Graziani (Director, High Energy Density Science Center, LLNL)

Mark Herrmann

Tetsuya Ishikawa

Yoshiaki Kato (Professor, The GPI; Advisor for President of QST)

Tetsuya Kawachi

Ryosuke Kodama

Miyoko Watanabe

DEEP-DIVE

January 24 8:30-17:00 @Carnegie Endowment for International Peace

SCJ
Japan-US
Symposium

Perspective of High Energy Density Science and Technology by High Power Lasers

January 23(Wed.), 2019

Embassy of Japan in the United States of America, Washington D.C., USA

Contact

Institute of Laser Engineering,
Osaka University

E-mail:
scj2019@ile.osaka-u.ac.jp

Organized by: Science Council of Japan (SCJ)

Co-organized by: Institute of Laser Engineering (ILE), Osaka University

Kansai Photon Science Institute, National Institutes for Quantum and Radiological Science and Technology (QST)

Research center of synchrotron radiation science, RIKEN SPring-8 Center

Lawrence Livermore National Laboratory (LLNL)

Laboratory for Laser Energetics (LLE), University of Rochester

SLAC National Accelerator Laboratory

Supported by: Embassy of Japan in the United States of America

IFE Forum

Institute for Open and Transdisciplinary Research Initiatives, Osaka University

Endorsed by: The Physical Society of Japan

The Japan Society of Plasma Science and Nuclear Fusion Research

The Laser Society of Japan

