

2016 Workshop of Research Laboratory for Quantum Beam Science

Lecture Hall, The Institute of Scientific and Industrial Research (SANKEN), Osaka University

July 12 (Tuesday), 2016

13:30~13:40 Opening: Takairo Kozawa (ISIR, Osaka Univ.)

Chair: Yusa Muroya (ISIR, Osaka Univ.)

13:40 ~ 14:00 T.Hosokai (Graduate School of Eng. & Photon Pioneers Center,
Osaka Univ.)

“Status of laser wake-field acceleration research at Osaka Univ. ; Towards laser-driven novel
electron accelerators for practical use”

14:00 ~ 14:20 Jinfeng Yang (ISIR, Osaka Univ.)

“Laser driven electron-pulse accelerator and its applications”

14:20 ~ 14:35 Coffee break

(Special talk)

Chair: Hiroki Yamamoto (ISIR, Osaka Univ.)

14:35 ~ 15:35 Mehran Mostafavi (Laboratoire de Chimie Physique d'Orsay,
Université Paris-sud)

“Chemistry induced by radiation within the first picosecond”

15:35 ~ 15:50 Coffee break

Chair: Kazuo Kobayashi (ISIR, Osaka Univ.)

15:50 ~ 16:10 M. Fujitsuka, T. Majima (ISIR, Osaka Univ.)

“Recent progress in time resolved resonance Raman spectroscopy during pulse radiolysis”

16:10 ~ 16:30 Shinichi Yamashita (School of Engineering, Univ. Tokyo)

“Radiolysis of aqueous solution of NaCl: Pulse radiolysis and spur model simulation”

16:30 ~ 16:50 Yusa Muroya (ISIR, Osaka Univ.)

“Solvation and spur reaction process of polar solvents at high temperature and high pressure
condition”

16:50 ~ Closing: Yusa Muroya (ISIR, Osaka Univ.)

17:30 ~ Banquet