

The 3rd Shanghai-Tokyo Advanced Research Symposium on Ultrafast Intense Laser Science
Hilton Odawara Resort & Spa, Odawara, Japan

PROGRAM

May 18 (Wednesday)

Check-in

18:00-19:00 Welcome Dinner

May 19 (Thursday) [Symposium Day1]

8:30 - 8:40 Opening Remarks

8:40 - 9:00 Ruxin Li Shanghai Institute of Optics and Fine Mechanics Generation of intense few-cycle mid-infrared laser pulses

9:00 - 9:20 Kenichi Ueda The University of Electro-Communication Coherent beam combining for ultra-high power lasers

9:20 - 9:35 Wenxue Li East China Normal University Carrier-envelope-phase stabilized high-power fiber laser

9:35- 9:55 Koji Sugioka RIKEN 3D integration of functions inside glass by ultrafast laser

9:55-10:10 *Coffee Break*

10:10-10:30 Ryuji Itakura Japan Atomic Energy Agency Ionization of ethanol and subsequent electronic excitation in ethanol cation in intense laser fields

10:30-10:50 Tsuyoshi Kato The University of Tokyo Construction of electro-protonic wave functions by multiconfiguration time-dependent Hartree-Fock theory

10:50-11:10 Huailiang Xu Jilin University Ultrafast hydrogen migration in methanol driven by intense laser fields

11:10-11:25 Haifeng Pan East China Normal University Controllable THz generation by molecular alignment

11:25-11:45 Peng Liu Shanghai Institute of Optics and Fine Mechanics The polarity of a few-cycle infrared laser pulse determined by THz spectroscopy

12:00-13:00 *Lunch*

13:00-13:20 Liang en Ding East China Normal University Intense ultraviolet femtosecond pulses and applications

13:20-13:35 Peng Yuan Shanghai Jiaotong University Broadband frequency-tripling scheme for Nd: glass lasers to efficiently generate high-intensity ultraviolet pulse

13:35-13:55 Hitoki Yoneda The University of Electro-Communication Nonlinear optical phenomena with ultra-fast intense EUV FEL laser pulse

13:55-14:10 *Coffee Break*

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14:10-14:30	Heping Zeng	East China Normal University	Filament interaction and its dynamic control
14:30-14:45	Erik Loetstedt	The University of Tokyo	Efficient ionization of acetylene driven by intense laser fields
14:45-15:00	Haiyang Lu	Shanghai Institute of Optics and Fine Mechanics	Fusion neutron generation and optimization from laser driven Coulomb exploded clusters
15:00-15:20	Kazutaka Nakamura	Tokyo Institute of Technology	Optical control of atomic motions in condensed matter using femtosecond pulses
15:20-15:40	Ken Onda	Tokyo Institute of Technology	Photoinduced dynamics from 10 fs to 100 ps in organic strongly correlated systems
15:40-15:50	<i>(10-min. break)</i>		
15:50-16:10	Katsumi Midorikawa	RIKEN	Recent progress on high harmonic generation and application at RIKEN
16:10-16:30	Ya Cheng	Shanghai Institute of Optics and Fine Mechanics	Generation of tunable XUV coherent radiation in two-color laser fields
16:30-16:50	Xianfeng Chen	Shanghai Jiaotong University	Cherenkov-type harmonic generation by femtosecond pulses in PPLN and the limiting case
16:50-17:05	Tomoya Okino	The University of Tokyo	Generation of isolated attosecond pulses for investigating ultrafast hydrogen migration in intense laser fields
17:05-17:25	Katsuya Oguri	NTT Basic Research Laboratories	Ultrafast surface photoelectron spectroscopy of GaAs with high-order harmonic generation
17:25-17:35	<i>(10-min. break)</i>		
17:35-17:55	Yoshiaki Kato	The Graduate School for the Creation of New Photonics Industries	Photon Frontier Network Program
17:55-18:15	Makoto Gonokami	The University of Tokyo	Search for exciton BEC phase in a bulk semiconductor crystal
18:15-18:35	Hidetoshi Katori	The University of Tokyo	Synchronous frequency comparison of optical lattice clocks to approach the quantum limit
19:00-	<i>Dinner</i>		

May 20 (Friday) [Symposium Day2]

9:00-17:00 Free discussion

May 21 (Saturday)

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Departure