

POSTER Presentations

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Tomohito Otobe

(National Institutes for Quantum and Radiological Science and Technology)

“Effect of plasma formation on double pulse excitation of 3C-SiC”

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Ryuji Itakura, Yoriko Wada, Hiroshi Akagi, Tomohito Otobe

(Kansai Photon Science Institute, QST)

“Time-resolved VUV reflection spectroscopy of spatio-temporal dynamics of transparent solid in intense laser fields”

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Yuxi Fu, Bing Xue, Eiji J. Takahashi, Katsumi Midorikawa

(RIKEN Center for Advanced Photonics)

“Future prospects of dual-chirped optical parametric amplification”

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Takahide Matsuoka, Kazuo Takatsuka

(FIFC, Kyoto University)

“Auger Decay Process in Water Molecule: A Nonadiabatic Electron Dynamics Treatment”

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Nariyuki Saito¹, Nobuhisa Ishii¹, Teruto Kanai¹, Shuntaro Watanabe², Jiro Itatani¹

(1: ISSP, the University of Tokyo, 2: Tokyo University of Science)

“Attosecond pulse generation and characterization by a long-wavelength light source”

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Yuki Ninota, Keisuke Kaneshima, Taro Sekikawa

(Hokkaido Univ.)

“Ultrafast Photo-Isomerization Probed via High Harmonic Spectroscopy”

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Yu-Chieh Lin, Yasuo Nabekawa, Katsumi Midorikawa

(RIKEN Center for Advanced Photonics)

“Generation of ultrabroadband infrared pulses in a BBO crystal pumped by red femtosecond pulses”

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Vinh H. Trinh¹, Toru Morishita², Eiji J. Takahashi¹, Katsumi Midorikawa¹

(1: RIKEN Center for Advanced Photonics, 2: Institute for Advanced Science, The University of Electro-Communications)

“Direct probing the vib-rotational motion of two electrons in Helium”

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Yasushi Shinohara, Kenichi L. Ishikawa

(School of Engineering, the University of Tokyo)

“Ab initio simulation method for nonlinear optical response of electron in extended system”

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Reika Kanya, Kaoru Yamanouchi

(Department of Chemistry, School of Science, the University of Tokyo)

“Ultrafast gas electron diffraction by THz-wave-assisted electron scattering: Numerical simulations of time-resolved electron diffraction patterns”

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Motoki Ishikawa, Kakuta Ishida, Reika Kanya, Kaoru Yamanouchi

(Department of Chemistry, School of Science, the University of Tokyo)

“Observation of laser-assisted electron scattering by an angle-resolved time-of-flight type electron analyzer”

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Natsuki Kanda^{1,2}, Tomohiro Imahoko³, Koji Yoshida³, A. Amani Eilanlou¹, Yasuo Nabekawa¹, Tetsumi Sumiyoshi³, Makoto Kuwata-Gonokami^{2,4}, Katsumi Midorikawa^{1,4}

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“Intra-cavity HHG in a Yb:YAG thin disk modelocked oscillator”

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Keisuke Kaneshima, Nobuhisa Ishii, Kengo Takeuchi, Jiro Itatani

(The Institute for Solid State Physics, the University of Tokyo)

“Generation of CEP-stable intense mid-infrared pulses and their application to strong field physics in solids”

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Shinichi Fukahori¹, Kaoru Yamanouchi¹, Gerhard G. Paulus²

(1. School of Science, The University of Tokyo, 2. Friedrich - Schiller - Universität Jena)

“Asymmetry flip of photoelectron emission in intense circularly polarized few-cycle laser fields”

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J R Harries¹, Y Azuma², Hikaru Fujise³, I Inoue⁴, H Iwayama³, S Kuma⁴, S Ohwada⁴, E Shigemasa³, N Suzuki², K Tamasaku⁴

(1: QST, 2: Sophia University, 3: UVSOR/SOKENDAI, 4: RIKEN)

“Ultrafast superradiance processes in helium following excitation by ultrashort FEL pulses”

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Kazuma Komatsu, Soichiro Miyake, Shinichirou Minemoto, Hirofumi Sakai

(School of Science, The University of Tokyo)

“Absorption spectroscopy of aligned molecules with single attosecond pulses”

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Wataru Komatsubara¹, Shinichirou Minemoto¹, Kazuma Komatsu¹, Soichirou Miyake¹, Taichi Kihara², Yukiho Kobayashi², Hirofumi Sakai¹

(1: Graduate School of Science, The University of Tokyo, 2: School of Science, The University of Tokyo)

“High-order harmonic generation from benzene molecules”

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Yuki Orimo, Takeshi Sato, Kenichi L. Ishikawa

(Graduate School of Engineering, The University of Tokyo)

“Highly Efficient Ab Initio Simulations of Multielectron Dynamics in Intense Laser Fields: Application to High Harmonics Generation and Photoelectron Energy Spectra”

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Bing Xue, Eiji J. Takahashi, Yuxi Fu, Katsumi Midorikawa

(RIKEN Center for Advanced Photonics)

“Stable high-flux continuum high-order harmonics generation by three-channel optical waveform synthesizer”

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Ryoji Anzaki, Takeshi Sato, Kenichi L. Ishikawa

(Graduate School of Engineering, The University of Tokyo)

“Generic real-time quantum dynamics of molecules with time-dependent multiconfiguration self-consistent field methods”

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Yuta Nakano¹, Yuta Fukuma¹, Totaro Imasaka²

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“Ultrafast control of transient grating”