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P-1 Determination of absolute CEP of circularly-polarized few-cycle pulses

S. Fukahori[1], T. Ando[1], S. Miura[1], R. Kanya[1], K. Yamanouchi[1], T. Rathje[2], and G.G. Paulus[2] (*[1] Department of Chemistry, School of Science, The University of Tokyo, Japan, [2] Institut für Optik und Quantenelektronik, Friedrich-Schiller-Universität Jena*)

P-2 Control of the atomic bound-state depopulation dynamics for enhanced high harmonic generation driven by short-pulse two-color laser field

O. Meshkov[1,2], M. Emelin[2], and M. Ryabikin[2] (*[1]Lobachevsky State University of Nizhny Novgorod, [2]Institute of Applied Physics of the Russian Academy of Sciences*)

P-3 On the search for quantum interference in multiphoton ionization of atoms and molecules

David B. Foote,[1,2] Kevin Lehr,[3] Zhenqian Jian,[3] and Wendell T. Hill, III[1,2,3] (*[1]Joint Quantum Institute, [2]Institute for Physical Science and Technology, [3]Department of Physics, University of Maryland*)

P-4 Effective potential theory and density functional theory bridged by density equation theory for quantal dynamics in atoms and molecules

Tsuyoshi Kato and Kaoru Yamanouchi (*Department of Chemistry, School of Science, The University of Tokyo*)

P-5 Time-dependent geminal method – a tool for the analysis of time-dependent electron pair correlation

Erik Lötstedt, Tsuyoshi Kato, and Kaoru Yamanouchi (*Department of Chemistry, School of Science, The University of Tokyo*)

P-6 Reaction pathway analysis of hydrogen migration in methanimine

Sho Koh, Katsunori Nakai, and Kaoru Yamanouchi (Department of Chemistry, School of Science, The University of Tokyo)

P-7 Ultrafast nuclear dynamics in methylamine in few-cycle laser fields

Meng Zhang, Ando Toshiaki, Atsushi Iwasaki, and Kaoru Yamanouchi (*Department of Chemistry, School of Science, The University of Tokyo*)

P-8 Ejection of triatomic hydrogen molecular ion from methanol and its isotopologues induced by few-cycle laser pulses

Toshiaki Ando, Atsushi Iwasaki, and Kaoru Yamanouchi (*Department of Chemistry, School of Science, The University of Tokyo*)

P-9 Numerical simulation of femtosecond gas electron diffraction by THz-wave assisted electron scattering

Reika Kanya and Kaoru Yamanouchi (*Department of Chemistry, School of Science, The University of Tokyo*)

P-10 Charge transfer reaction in $[Ar\text{-}N_2]^+$ in intense laser fields by ion trap time-of-flight mass spectrometry

Takahiro Suzuki, Reika Kanya, and Kaoru Yamanouchi (*Department of Chemistry, School of Science, The University of Tokyo*)

P-11 Micron-size hydrogen cluster targets for over 100 MeV, high-repetitive, impurity-free proton beams via relativistic laser-plasma interactions

Y. Fukuda[1,4], S. Jinno[2], M. Kanasaki[3], H. Tanaka[4], H. Sakaki[1], K. Kondo[1], R. Matsui[5], Y. Kishimoto[1,5] ([1]*Kansai Photon Science Institute (KPSI), National Institute for Quantum and Radiological Science and Technology (QST),* [2]*School of Engineering, the University of Tokyo,* [3]*Graduate School of Maritime Sciences, Kobe University,* [4]*School of Engineering Sciences, Kyushu University, and* [5]*Graduate School of Energy Science, Kyoto University*)

P-12 Time-resolved strong-field ionization of nanoparticles

Bernd Schütte[1], Christian Peltz[2], Thomas Fennel[2], Arnaud Rouzée[1], and Marc J. J. Vrakking[1] ([1] *Max-Born-Institut,* [2] *Institute of Physics, University of Rostock*)

P-13 Laser-induced deflection of free electrons in dielectric films

Yuya Morimoto and Peter Baum (*Ludwig-Maximilians-Universität München and Max-Planck-Institute of Quantum Optics*)

P-14 Ultrafast write-and-read process of quantum coherence for electron-phonon coupled system in solids

Yosuke Kayanuma and Kazutaka G. Nakamura (*Laboratory for Materials and Structures, Tokyo Institute of Technology*)

P-15 The precise measurement of laser-accelerated MeV/n-class high-Z ions and protons using CR-39 detectors

M. Kanasaki[a], S. Jinno[b], H. Sakaki[c], K. Kondo[c], K. Oda[a], T. Yamauchi[a], and Y. Fukuda[c] ([a]*Graduate School of Maritime Sciences, Kobe University,* [b]*School of Engineering, The University of Tokyo, and* [c]*Kansai Photon Science Institute (KPSI), National Institute for Quantum and Radiological Science and Technology (QST)*)

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Y. Shinohara and K.L. Ishikawa (*School of Engineering, The University of Tokyo*)

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X. Levecq[1], G. Beaugrand[1], and N. Lefaudeux[1] ([1] *Imagine Optic, Orsay, France*)

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Spencer Horton, Yusong Liu, and Thomas Weinacht (*Department of Physics and Astronomy, Stony Brook University*)

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C. V. Pieronek[1], J. Daniels[1,2], A. J. Gonsalves[1], C. Benedetti[1], W. P. Leemans[1] ([1]*BELLA Center, Lawrence Berkeley National Laboratory,* [2]*Eindhoven University of Technology*)

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