CLEO PacificRim 2024 August 4-9, 2024 Songdo ConvensiA, Incheon, Korea

Session Title:	[We1I] Laser Facility and Applications
Session Date:	August 7 (Wed.), 2024
Session Time:	09:00-10:30
Session Room:	Room I (118)
Session Chair(s)	Prof. Seong Ku Lee (GIST, Korea)

[We1I-1] [Invited] 09:00-09:30

Origin and Suppression of the Pre-pulse and Pedestal of the J-KAREN-P Laser Facility

H. Kiriyama, Y. Miyasaka, A. Kon, M. Nishiuchi, A. Sagisaka (Kansai Inst. for Photon Science, Nat'l Institutes for Quantum Science and Tech., Japan), H. Sasao (Naka Fusion Inst., Nat'l Institutes for Quantum Science and Tech., Japan), A. S. Pirozhkov, Y.Fukuda, K. Ogura, Ko. Kondo, N. Nakanii, Y. Mashiba, N. P. Dover, L. Chang, M. Kando (Kansai Inst. for Photon Science, Nat'l Institutes for Quantum Science and Tech., Japan), S.Bock, T. Ziegler, T. Püschel, H.-P.Schlenvoigt, K. Zeil, U. Schramm (Helmholtz-Zentrum Dresden-Rossendorf, Germany), I. W. Choi, and C. H. Nam (IBS, Korea)

[We1I-2] 09:30-09:45

Optimizing TNSA Ion Beam Source Size in Thin Foils Using Laser Pulse-Contrast

Deepak Kumar Sahu, Anandam Choudhary, Aparajit Chandrasekharan, Ankit Dulat, Amit D. Lad, G. Ravindra Kumar, and M. Krishnamurthy (Tata Inst. of Fundamental Research., India)

[We1I-3] 09:45-10:00

Femtosecond Soft X-ray Photoelectron Spectroscopy at the Soft X-ray Port of the European XFEL

Ekaterina Tikhodeev, David Doblas-Jimenez, Vahagn Vardanyan, Patrik Grychtol, Michael Heber, Ivars Karpics, Moises Bueno, Joshua Ohnesorge, Serguei Molodtsov, and Manuel Izquierdo (European XFEL, Germany)

[We1I-4] 10:00-10:15

Towards Portable Relativistic Energy Electron Source

Sonali Khanna (Tata Inst. of Fundamental Research Hyderabad, India), Ratul Sabui (Indian Inst. of Tech. Hyderabad, Indian), Deepak Kumar Sahu (Tata Inst. of Fundamental Research Mumbai, India), Angana Mondal, Sourabh Singh, Ram Gopal, and M Krishnamurthy

[We1I-5] 10:15-10:30

Enhancing Electron Emission in Laser-droplet Interaction by Doping the Droplets with Dopant of Lower Ionizability

Deepak Kumar Sahu (Tata Inst. of Fundamental Research Mumbai, India), Sonali Khanna (Tata Inst. of Fundamental Research Hyderabad, India), Ratul Sabui (Inst. of Tech. Hyderabad, India), Ram Gopal (Tata Inst. of Fundamental Research Hyderabad, India), and M. Krishnamurthy (Tata Inst. of Fundamental Research Mumbai, India)