

Joint Seminar between Shanghai Jiao Tong University and Osaka University (Laser)

27 November, 2020

Zoom conference

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Session 1 13:00–14:40 in Shanghai (chair Min Chen) (14:00- JST)

13:00-13:10 Jie Zhang (SJTU) & Ryosuke Kodama (OU), Opening remarks

13:10-13:35 Wenchao Yan (SJTU), “Electron-Photon Scattering Based on Laser Wake-Field Accelerator”

13:35-14:00 Youichi Sakawa (OU), “Weibel-instability mediated collisionless shock experiments using large-energy laser systems”

14:00-14:20 Boyuan Li (SJTU), “Experimental study on discharge-capillary-guided laser wakefield acceleration”

14:20-14:40 Susumu Goto (OU), “Fluid turbulence and hierarchy of vortices”

14:40-15:00 Break

Session 2 15:00-16:55 in Shanghai (chair Y. Kuramitsu) (16:00- JST)

15:00-15:20 Hanghang Ma (SJTU), “Numerical Studies of Laser Plasma Instabilities in Inertial Confinement Fusion”

15:20-15:45 Natsumi Iwata (OU), “Physics of highly-charged heavy ion acceleration by ultraintense short pulse lasers”

15:45-16:05 Xiaohui Yuan (SJTU), “Spectral cutoffs of stimulated Raman scattering in long scale-length plasmas in planar direct-drive experiments”

16:05-16:25 Kentaro Sakai (OU), “Non-equilibrium collective Thomson scattering in two-stream plasmas”

16:25-16:55 Zhengming Sheng (SJTU) & Hideaki Takabe (OU), Discussions and Closing remarks