

Day 2 Tuesday October 10<sup>th</sup>

Session 4 (Chair: Shogo Isayama)

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10:00 – 10:40 (16:00 – 16:40 JST) **Georgiana Giubega**, IFIN-HH/ELI-NP

*“Laser-driven electron acceleration for nuclear applications at Laser Gamma Experiments Department”*

10:40 – 11:20 (16:40 – 17:20 JST) **Jian Fuh Ong**, IFIN-HH/ELI-NP

*“The interaction of ultraintense short laser pulse with nanostructured target”*

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Lunch

Session 5 (Chair: Ovidiu Tesileanu)

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13:30 – 14:10 (19:30 – 20:10 JST) **Keita Seto**, Japan Atomic Energy Agency

*“On nonlinear Compton scattering by high-intensity laser pulse”*

14:10 – 14:50 (20:10 – 20:50 JST) **Yoshihide Nakamiya**, IFIN-HH/ELI-NP

*“Probing vacuum birefringence with high-intensity laser”*

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Coffee break 20min.

Session 6 (Chair: Yoshihide Nakamiya)

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15:10 – 15:50 (21:10 – 21:50 JST) **Cesim K. Dumlu**, IFIN-HH/ELI-NP

*“Photon scattering in Laguerre Gauss Beams”*

15:50 – 16:10 (21:50 – 22:10 JST) **Takumi Hasada**, Hiroshima University

*“Pilot Search for axion-like particles in the eV mass by a three-beam stimulated resonant photon collider”*

16:10 – 16:50 (22:10 – 22:50 JST) **Kensuke Homma**, Hiroshima University

*“Helicity dependent gamma-gamma scattering for testing QED and BSM”*

16:50 – 16:55 (22:50 – 22:55 JST) **Ovidiu Tesileanu**, IFIN-HH/ELI-NP

*“Closing”*

SOC/LOC

*Shuta Tanaka, Yoshihide Nakamiya, & Ovidiu Tesileanu*

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