

Physics of Plasma Phenomena Pulsar (P4)

Program

Day 1 Thursday May 22nd

Session 1 (Chair: **Shota Kisaka**)

12:40 – 12:45 **Shuta Tanaka**, Aoyama Gakuin University

“Opening”

12:45 – 13:30 **Dmitriy Khangulyan**, Institute of High Energy Physics

“Magnetar Model of FRB”,

13:30 – 14:00 **Yasufumi Kojima**, Hiroshima University

“Magnetic Energy Stored in Magnetar Magnetospheres”

Coffee break 15min.

Session 2 (Chair: **Masanori Iwamoto**)

14:15 – 15:00 **Shoma Kamijima**, Kyoto University

“Kinetic Simulation of Parametric Instabilities in Magnetized Pair Plasma”

15:00 – 15:30 **Kaoru Sugimoto**, Kyoto University

“PIC including radiation-damping & pair-creation, (maybe) tearing instability”

15:30 – 16:30

“Free Discussion”

Day 2 Friday May 23rd

Session 3 (Chair: **Shoma Kamijima**)

09:15 – 10:00 **Masanori Iwamoto**, Kyoto University

“Induced Scattering in Pair Plasmas”

10:00 – 10:45 **Wataru Ishizaki**, Tohoku University

“Coherent Emission from Relativistic Ion-Electron Shocks”

10:45 – 11:30 **Shuta Tanaka**, Aoyama Gakuin University

“Induced Compton Scattering Experiments”

Lunch break 75min.

Session 4 (Chair: **Shuta Tanaka**)

12:45 – 13:30 **Andrey Timokhin**, University of Zielona Góra

“Pair creation in Pulsar Polar Cap”

13:30 – 14:15 **Shibata Shinpei**, Yamagata University

“Find the solution for the axisymmetric steady-state pulsar magnetosphere in MHD”

14:15 – 15:00 **Shota Kisaka**, Hiroshima University

“Pulsar Emission”

15:00 – 16:25

“Free Discussion”

16:25 – 16:30 **Shota Kisaka**, Hiroshima University

“closing”

Day 3 Saturday May 24th

Session 5 (Chair: **Shota Kisaka**)

09:00 – 12:00

“Free Discussion”

SOC/LOC

Shota Kisaka, & Shuta Tanaka

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