

# Polish - Japanese Workshop on Extreme Field and Plasma around Pulsar Magnetosphere

## Program

Day 1 Monday March 11<sup>th</sup>

Session 1 (Chair: **Shuta Tanaka**)

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12:55 – 13:00 **Shuta Tanaka**, Aoyama Gakuin University

*“Opening”*

13:00 – 13:45 **Shota Kisaka**, Hiroshima University

*“Global Particle Simulation of Pulsar Magnetospheres”*,

13:45 – 14:30, **Andrey Timokhin**, University of Zielona Gora

*“Modeling Pulsar Magnetospheres”*

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Coffee break 30min.

Session 2 (Chair: **Shota Kisaka**)

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15:00 – 15:45 **Shoma Kamijima**, Kyoto University

*“Particle-in-Cell Simulation of Propagation of Alfvén Wave in Magnetized Pair Plasma”*

15:45 – 16:30 **Masanori Iwamoto**, Kyoto University

*“Coherent Emission from Relativistic Ion-Electron Shocks”*

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Day 2 Tuesday March 12<sup>th</sup>

Session 3 (Chair: **Andrzej Szary**)

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13:00 – 13:45 **Shuta Tanaka**, Aoyama Gakuin University

*“Induced Compton Scattering in Pulsar Magnetosphere and Up-to-date Laser facilities”*

13:45 – 14:30 **Rahul Basu**, University of Zielona Gora

*“Phenomenology in Pulsar Radio Emission”*

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Coffee break 30min.

Session 2 (Chair: **Andrey Timokhin**)

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15:00 – 15:45 **Karolina Rozko**, University of Zielona Gora

*“Pulsar spectra and the possible causes of the turnovers around 1 GHz”*

15:45 – 16:30 **Andrzej Szary**, University of Zielona Gora

*“An unsolved problem of the direction of plasma drift in the inner acceleration region of pulsars”*

16:30 – 16:35 **Andrey Timokhin**, University of Zielona Gora

*“closing”*

SOC/LOC

*Shuta Tanaka, Shota Kisaka, & Andrey Timokhin*

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