

Chinese - Japanese Workshop on Extreme Field and Plasma in Universe

Program

Session 1 (Chair: Tanaka Shuta)

09:20 – 09:25 **Wu QingWen**, HUST*

“Welcom”

09:25 – 09:30 **Tanaka Shuta**, Aoyama Gakuin University

“Opening”

09:30 – 10:15 **Kisaka Shota**, Hiroshima University

“Global Particle Simulation of Black Hole Magnetospheres”

10:15 – 10:45 **Saeki Seima**, Hiroshima University

“Polarization of Synchrotron Radiation from Rotation Powered Pulsars”

Coffee break 15 min.

Session 2 (Chair: Kisaka Shota)

11:00 – 11:45 **Tanaka Shuta**, Aoyama Gakuin University

“Stochastic Acceleration Model of Pulsar Wind Nebulae as a Solution to the Pair Multiplicity Problem”

11:45 – 12:30 **Khangulyan Dmitriy**, IHEP**

“Extreme Processes in Microquasars”

Lunch break 90 min.

Session 3 (Chair: Takata Jumpei)

14:00 – 14:45 **Zou Yuanchuan**, HUST

“Milestones of Gamma-ray Bursts”

14:45 – 15:30 **Lei WeiHua**, HUST

“Jetted Tidal Disruption Events: Black Hole Spin, Jet Components and Circumnuclear Medium”

15:30 – 16:00 **Wang MengYe**, HUST

“An Explanation for the TDE Rate Over Enhancement in Post-Starburst Galaxies”

*HUST = Huazhong University of Science and Technology

**IHEP = Institute of High Energy Physics

Coffee break 30min.
Session 4 (Chair: Tanaka Shuta)

16:30 – 17:00 Wang Xiangxiang, HUST

“Searching for X-ray Emitting Cataclysmic Variable Candidates in eROSITA-DE DR1”

17:00 – 17:45 Takata Jumpei, HUST

“Spin Evolution of White Dwarf Formed Through Double White Dwarf Merger”

17:45 – 17:50 Takata Jumpei, HUST

“Closing”

SOC/LOC

Shuta Tanaka, Jumpei Takata & Shota Kisaka

Acknowledgements: This workshop was supported by

- The National Key Research and Development Program of China (grant No. 2020YFC2201400)
- The National Natural Science Foundation of China (grant No. 12173014)
- JSPS International Leading Research, Grant number JP23K20038,
- JSPS Grants-in-Aid for Scientific Research Nos. JP23K22538, JP24H01816



华中科技大学 物理学院
Huazhong University of Science and Technology School of Physics

