

The 2nd Conference of Young Researchers at CAMK PAN

Tuesday, June 23, 2020

Student presentations: Filip Morawski - Searches for anomalies in gravitational-wave data (9:00 AM - 9:20 AM)

Student presentations: Aleksandra Olejak - The origin of inequality. Isolated formation of 30 Msun and 10 Msun BH-BH merger (9:20 AM - 9:40 AM)

Student presentations: Agostino Leveque - MOCCA Survey Database: Extra Galactic Globular Clusters. Method and first results (9:40 AM - 10:00 AM)

Student presentations: Sumanta Kumar Sahoo - Asteroseismology of pulsating subdwarf B stars using TESS data (10:00 AM - 10:20 AM)

Student presentations: Sachu Sanjayan - Pulsating subdwarf B stars in the oldest open cluster NGC6791 (10:20 AM - 10:40 AM)

Student presentations: Sowgata Chowdhury - Studying the southern Beta Cephei stars using TESS (10:40 AM - 11:00 AM)

Student presentations: Qiang Chen - Scaling of magnetic dissipation and particle acceleration in ABC fields (11:20 AM - 11:40 AM)

Student presentations: Jose Ortuno Macias - Kinetic numerical simulations of particle acceleration mechanisms in relativistically magnetized jets of blazars (11:40 AM - 12:00 PM)

Student presentations: André da Silva - The hunt for peculiar Eu and Ba abundances in metal-poor stars using *Gaia* and GALAH surveys (12:00 PM - 12:20 PM)

Student presentations: Henryka Netzelt - High-Amplitude Delta Scuti stars (12:20 PM - 12:40 PM)

Student presentations: Bartłomiej Zgirski - Distance determinations using RR Lyrae stars and the new reddening maps of the Magellanic Clouds (12:40 PM - 1:00 PM)

Student presentations: Piotr Wielgórski - Calibrating p-factors of Classical and Type II Cepheids (2:00 PM - 2:20 PM)

Student presentations: Monica Taormina - Toward early-type eclipsing binaries as extragalactic milestones (2:20 PM - 2:40 PM)

Student presentations: Gonzalo Rojas García - Deeping on binary systems: Enigmatic subclass and detached binaries as distance tracer (2:40 PM - 3:00 PM)

Student presentations: Mikołaj Kaluszyński - BH Tom – The System for Automatic Observations Scheduling, Photometry and Calibration for Microlensing Events Followups (3:00 PM - 3:20 PM)

Student presentations: Ayush Moharana - Eclipse Timing of Detached Eclipsing Binaries using SOLARIS network of telescopes (3:20 PM - 3:40 PM)

Student presentations: Bartosz Etmański - Ammonia in Circumstellar Environment of V Cyg (3:40 PM - 4:00 PM)

Wednesday, June 24, 2020

Student presentations: Lami Suleiman - Partially accreted crusts of Neutron Stars (9:00 AM - 9:20 AM)

Student presentations: Vadym Khomenko - Modelling of pulsar glitches in Neutron Stars (9:20 AM - 9:40 AM)

Student presentations: Lorenzo Gavassino - Boosting the heat (9:40 AM - 10:00 AM)

Student presentations: Ankan Sur - Magnetic field evolution of neutron stars (10:00 AM - 10:20 AM)

Student presentations: Samaresh Mondal - A bright ultraluminous X-ray source in NGC 5055 (10:20 AM - 10:40 AM)

Student presentations: Dominik Gronkiewicz - Thermal instability as a primary limit for optically thick X-ray coronae in AGN (10:40 AM - 11:00 AM)

Student presentations: Bartosz Beldycki - Neutron Star atmospheres and color correction factor (2:00 PM - 2:20 PM)

Student presentations: Ananda Deepika Bollimpalli - X-ray variability studies from GRMHD simulations (2:20 PM - 2:40 PM)

Student presentations: David Abarca - GRRMHD Simulations of Accretion on Neutron Stars (2:40 PM - 3:00 PM)

Student presentations: Ruchi Mishra - General relativistic radiation hydrodynamic simulations of levitating atmospheres (3:00 PM - 3:20 PM)

Student presentations: Katarzyna Rusinek - Swift/BAT AGNs - their radio loudness, jet production efficiency and host galaxies (3:20 PM - 3:40 PM)

Student presentations: Maitrayee Gupta - Comparing radio-loud Swift/BAT AGN with their radio-quiet counterparts (3:40 PM - 4:00 PM)

Thursday, June 25, 2020

Student presentations: Swayamtrupta Panda - The CaFe Project: Search for the correlation between Fe+ and Ca+ in active galaxies (9:00 AM - 9:20 AM)

Student presentations: Marzena Śniegowska - High metal content of highly accreting quasars (9:20 AM - 9:40 AM)

Student presentations: Chandra Shekhar Saraf - Cross-Correlation Study between CMB Lensing and Galaxy Surveys (9:40 AM - 10:00 AM)

Student presentations: Mohammad Hassan Naddaf Moghaddam - BLR size and R-L relation in realistic FRADO model (10:00 AM - 10:20 AM)

Student presentations: Arkadiusz Chimicz - Polish SST optical sensor network upgrade as a contribution to EUSST (10:20 AM - 10:40 AM)

Student presentations: Beata Konacka - The tools essential for the detection of Near-Earth Asteroids and space debris (10:40 AM - 11:00 AM)

Student presentations: Eleonora Veronica Lai - On the spectral-timing properties of Cygnus X-1 in its hard state. (11:20 AM - 11:40 AM)

Student presentations: Marta Dzielak - Stratification of hot accretion flow of MAXI J1820+070 (11:40 AM - 12:00 PM)

Student presentations: Tathagata Saha - Testing the reliability of AGN torus X-ray spectral models (12:00 PM - 12:20 PM)

Student presentations: Saikruba Krishnan - Tools for Period Searching in AGN in the Era of "Big Data" (12:20 PM - 12:40 PM)

Student presentations: Théo Hugues - Search for Dark Matter with liquid argon detectors (12:40 PM - 1:00 PM)

Student presentations: Rajeev Rathour - Stellar Pulsation studies (1:00 PM - 1:20 PM)