



Monday (June 3rd)

- 14:00-15:15 **Registration at the Doctoral School, University of Szczecin (Adama Mickiewicza 16)**
- 15:30-16:00 **Michal Zajaček, Bożena Czerny, Ewa Szuszkiewicz, Vladimír Karas, Welcome notes**
- 16:00-16:30 **Michal Zajaček, Scope of the GNC24 meeting: Galactic nuclei in the cosmological context**
- 16:30-17:00 **Ewa Szuszkiewicz, From small inhomogeneities of cosmic microwave background to galaxies, stars and planets**
- 17:00-17:30 **Coffee/Tea break**
- History & Architecture session (Chair: Petr Kurfürst)**
- 17:30-18:30 **Michal Rozenberg, History and Architecture of Szczecin**
- 19:00- **Welcome Drink & Dinner (Nowy Browar Szczecin)**

Tuesday (June 4th)

- AGN session 1 (Chair: Agnieszka Janiuk)**
- 9:00-9:30 **Bożena Czerny, Prospects for using AGN from the LSST data to cosmology**
- 9:30-10:00 **Silke Britzen, Jet precession & Supermassive Binary Black Holes**
- 10:00-10:30 **Piotr Życki, Quasi-periodic variability of XRB and AGN - Lense-Thirring precession model**
- 10:30-11:00 **Coffee/Tea break**
- 11:00-11:30 **Francisco Pozo Nunez, Measuring Quasar Accretion Disc Sizes with the LSST**
- 11:30-12:00 **Catalina Sobrino Figaredo, Exploring AGN Variability and Cosmological Implications: Photometric Reverberation Mapping of H-alpha emission line in Nearby Seyfert Galaxies**
- 12:00-14:00 **Lunch break (Restaurant Artisan)**
- Nuclear Star Clusters session (Chair: Bożena Czerny)**
- 14:00-14:30 **Petra Suková, Will UFOs show us SMRIs?**
- 14:30-15:00 **Vladimír Karas, Modelling the coexistence of a nuclear cluster and a SMBH surrounded by a massive torus**
- 15:00-15:30 **Petr Kurfürst, Red giant stars' deficiency near the Galactic center as a consequence of the enhanced galactic jet activity in the past**
- 15:30-16:00 **Coffee/Tea break**
- Galactic nuclei evolution & AGN feedback session (Chair: Francisco Pozo Nunez)**

- 16:00-16:30 **Orsolya Kovács (online)**, [High-redshift AGNs & galaxies behind the lensing cluster Abell 2744](#)
- 16:30-17:00 **Norbert Werner (online)**, [Observations of AGN induced dynamics of hot galactic and cluster atmospheres](#)
- 17:00-17:30 **Saboura Zamani**, [Gravitational lensing from clusters of galaxies to test Disformal Couplings Theories](#)
- 17:30-18:00 **Coffee/Tea break**
- Space weather & Astrobiology session (Chair: Michal Zajaček)**
- 18:00-18:30 **Michaela Brchnelová**, [Space weather modelling at KU Leuven: model chains, limitations and user needs](#)
- 18:30-19:30 **Franco Ferrari**, [Human space travel: an astrobiologist's point of view \(popular talk\)](#)
- 19:30- **Free evening program in Szczecin, individual discussions**

Wednesday (June 5th)

Sightseeing day: Visit of Świnoujście/Swinemünde

Bus pick-up at 9 am in Szczecin (to be announced), arrival to Szczecin by 8 pm. Program description: A short tour in Świnoujście with a free program at the Baltic Sea afterwards.

Thursday (June 6th)

Low-luminosity galactic nuclei session (Chair: Petra Suková)

- 9:00-9:30 **Agnieszka Janiuk**, [Broad band spectral modeling of M87 nucleus](#)
- 9:30-10:00 **Maria Melamed**, [Candidate Young Stellar Objects in the S-cluster](#)
- 10:00-10:30 **Myank Singhal**, [Evolution of Disk-like Structures in the Galactic Centre](#)
- 10:30-11:00 **Coffee/Tea break**
- Galactic nuclei/AGN feedback session 1 (Chair: Petra Suková)**
- 11:00-11:30 **Martin Mondek**, [Statistics of Quasi-periodic Eruptions](#)
- 11:30-12:00 **Tomáš Plšek**, [Studying radio-mechanical AGN feedback with X-ray cavities](#)
- 12:00-14:00 **Lunch break (Restaurant Artisan)**
- Galactic nuclei/AGN feedback session 2 (Chair: Catalina Sobrino Figaredo)**
- 14:00-14:30 **Klaudia Kowalczyk**, [Differencing between quiescent and flaring states of blazars using threshold autoregressive models](#)
- 14:30-15:00 **Alberto Floris**, [Chemical abundances along the Quasar Main Sequence](#)
- 15:00-15:30 **Coffee/Tea break**
- 15:30-15:45 **Michal Zajaček**, [Meeting summary, closing remarks, and what's next](#)
- 16:30- **Visit of Morskie Centrum Nauki**
- 19:00- **Free program in Szczecin, individual discussions**