Programme:

The proposed timing in this schedule is only approximate, the meeting will have a rather informal character, the length of the talks and discussions may be shorter or longer according to the need. The programme and abstracts are available also in the pdf format. The first session is informal, dedicated to everybody who did not participate to the meeting yet.

Wednesday 27/8 - arrival to the hotel: ul. Foloriańska 49, Kraków

Thursday 28/8

Session 1 – *What do we want to discuss during the 7th FERO meeting?* A. Różańska (chair)

10:00 Agata Różańska – *Welcome and organization notes of the 7th FERO meeting*
10:15 Matteo Guainazzi – *Main goals of the FERO meetings (history)*
10:30 Bożena Czerny (moderator) – *How can we look for relativistic objects?*

11:00 – 11:30 Coffee Break

11:30 Ignacio de la Calle (moderator) – *RO – Relativistic Objects to discuss during the meeting*
12:00 Matteo Guainazzi (moderator) – *Observatories used to find RO*

12:30 – 14:30 - Lunch Break in restaurants nearby

14:15 Agata Różańska – *Welcome and organization notes of the 7th FERO meeting*
Summary of the morning session

Session 2 – *RO – theory versus observables* - A. Marinucci (chair)

14:30 Vladimir Karas – *Emergence of chaos in the motion of particles in a black hole magnetosphere*
15:00 Michal Zajacek – *Neutron stars near the Galactic centre: their interaction modes and observable effects*
15:30 Morgane Fortin – *Thermal evolution of neutron stars and constraints on their internal properties*

16:00 – 16:30 Coffee Break

16:30 Bożena Czerny – *Outflow and apparent spin changes for high Eddington sources*
17:00 Cosimo Bambi – *Testing the nature of astrophysical black hole candidates*
17:30 Alessandra De Rosa – *Unveiling multiple AGN activity in galaxy mergers*
18:00 Ladia Subr – *Catch me if you can*

18:30 – Free time and dinner on your own.

Friday 29/8

Session 3 – *Variability* **–** M. Sobolewska (chair)

9:00 Iosif Papadakis – *Variability signals for rotating bright arcs near black holes*
9:30 Piotr Życki – *The Lense-Thirring precession model of the low-frequency QPO*
10:00 Erin Kara – *X-ray reverberation around accreting black holes*
10:30 Michal Dovciak - *Reverberation mapping in the lamp-post geometry of the compact corona illuminating a black-hole accretion disc in AGN*

11:00 – 11:30 Coffee Break

11:30 William Alston – *Understanding the X-ray reverberation in accreting black holes.*
12:00 Barbara De Marco – *Soft X-ray lags*
12:30 Anastasios Epitropakis – *The continuum/iron-line time-lags in MCG-6-30-15, Mrk766 and NGC4051*

13:00 – 14:30 - Lunch Break in restaurants nearby

Session 4 - *Spectra* – M. Dovciak (chair)

14:30 Agata Różańska – *Warm, soft corona above accretion disks in AGN*
15:00 Lukas Ledvina – *Modeling of Changes in Shape of the Iron Line During the Microlensing Event*
15:30 Tek Prasad Adhikari – *Effect of warm absorber on Fe-line profile of AGNs*

16:00 – 16:30 Coffee Break

16:30 Frederic Vincent – *Ray traicing iron line spectra*
17:00 Michal Bursa – *High-Frequency QPOs from disk-corona interactions*
17:30 Javier Garcia – *New Generation of X-ray Reflection Models from Ionized Accretion Disks around Black Holes*

19:30 - Conference Dinner in the Restaurant VIDOK (http://restauracjavidok.pl/)
Everybody is invited, covered by the Organizer.

Saturday 30/8

Session 5 – *Observations* – P. Życki (chair)

9:00 Małgosia Sobolewska – *Stochastic modeling of AGN variability*
9:30 Jiri Svoboda - *On the X-ray variability of a polar-scattered Seyfert 1 galaxy Fairall 51*
10:00 Stefano Bianchi – *CHEESES: Constraining the High Energy Emission Source and the Environment of Supermassive black holes*
10:30 Matteo Guainazzi – *FERO: the Astro-H perspective*

11:00 – 11:30 Coffee Break

11:30 Andrea Marinucci – *Black hole spin measurements with NuSTAR*
12:00 Giorgio Matt – *The AGN Physics NuSTAR program*
12:30 Francesco Tamborra (moderator) – ***Summary, discussion and formulation of new goals and projects***