

Session Program

7-11 Oct 2024

**High Energy Astrophysics and Cosmology in
the era of all-sky surveys**

Physics of AGN

Tuesday 8 October

09:00

Physics of AGN

Session | **Location:** Ani Plaza Hotel, Yerevan, Armenia

09:00–09:30 **Multi-messenger emission from AGN**

Speaker

Paolo Padovani

09:30–10:00 **Application of Neural Networks to Study Blazars**

Speaker

Narek Sahakyan

10:00–10:20 **Where does AGN activity occur within the cosmic web?**

Speaker

Meredith Powell

10:20

11:20

Physics of AGN

Session | **Location:** Ani Plaza Hotel, Yerevan, Armenia

11:20–11:35

Reflection-dominated Compton-thick AGN Candidates in the SRG/eROSITA Lockman Hole Survey

Speaker

Mikhail Belvedersky

11:35–11:50 **Low-mass galaxy interactions trigger AGN activity**

Speaker

Marko Micic

11:50–12:05 **X-ray variability of the jet power in NGC 1275**

Speaker

Elena Fedorova

12:05–12:25

Electron-positron pair creation in electrosphere of compact astrophysical objects

Speaker

Gregory Vereshchagin

12:25