

## Session Program

4–6 Nov 2026



**Meeting of Young Astronomers and Astrophysicists -  
FIKUT NEXTGEN**

***Compact Objects, Relativistic Astrophysics, and Gravitational  
Waves***

HUN-REN Wigner Research Centre for Physics  
1121 Budapest, Konkoly-Thege Miklós út 29-33.

Thursday 5 November

11:00

Compact Objects, Relativistic Astrophysics, and Gravitational Waves

Session | Location: HUN-REN Wigner Research Centre for Physics, 1121 Budapest, Konkoly-Thege Miklós út 29-33.

11:00–11:15 Characteristic Gluing and Conserved Charges in General Relativity

Speaker  
Zita Csapó

11:15–11:30 Charged black holes in higher dimensional supergravity

Speaker  
Nefeli Chatz

11:30–11:45 Continuous Gravitational Waves from Supermassive Black Hole Binaries

Speaker  
Richárd Tamás Varga

11:45–12:00  
Imaging Parallel Universes via Kerr Black Holes: Observational Tests of Cauchy Horizon Instability

Speaker  
Dávid Szepessy

12:00–12:15 Modelling Neutron Stars in Scalar-Tensor Theories

Speaker  
Ashika Achuthankutty

12:15–12:30 Refined Description of Slim Disks around Tidal Disruption Events

Speaker  
Domonkos Szabó

12:30

## Friday 6 November

14:45

### Compact Objects, Relativistic Astrophysics, and Gravitational Waves

**Session** | **Location:** HUN-REN Wigner Research Centre for Physics, 1121 Budapest, Konkoly-Thege Miklós út 29-33.

14:45–15:00 **Volume Concepts in the Thermodynamics of Black Holes**

**Speaker**

Réka Somogyfoki

15:00–15:15 **Early inspiral higher harmonics and Einstein Telescope geometry**

**Speaker**

Kata Karácsonyi

15:15–15:30 **Evolving Dark Energy: Past, Future Fates, and Physical Bounds**

**Speaker**

Zétény Lőkös-Birdal

15:30