

Session Program

10-13 Jun 2025



BlackHolistic Meeting Finland 2025

Understanding black holes through theory and modeling

Aalto University, U7 PWC
Otakaari 1, 02150 Espoo

Wednesday 11 June

13:30

Understanding black holes through theory and modeling

Session | **Location:** Aalto University, U7 PWC, Otakaari 1, 02150 Espoo

13:30–13:48

Describing the ultra-fast very-high-energy gamma-ray flare of IC 310 with relativistic reconnection models

Speaker

Jenni Jormanainen

13:48–14:06

Outflows in adaptive-GRMHD: A theoretical view on dynamical structures and plasma mixing

Speaker

Subhrat Praharaj

14:06–14:24

Lighting up a black hole: A Bayesian study of electron microphysics with multiwavelength data of M87*

Speaker

RITTICK ROY

14:24–14:42

Work in Progress: Multi-messenger physics in GRMHD simulations

Speaker

Marc Klinger-Plaisier

14:42–15:00

Hydrodynamical simulations of XRB jets and realistic upper limits on the Lorentz factor

Speaker

katie savard

15:00