

Session Program

19-21 nov. 2024

GRAVITY+ Workshop / Centers of Galaxies

Galactic center / gravitation tests

mar. 19 novembre

10:30

Galactic center / gravitation tests

Session | Site: Observatoire de Paris, site de Meudon, salle de conférence du château 5 place Jules Janssen 92195 Meudon, France

10:30 – 11:00 **Review talk: GRAVITY results at the GC, G+ perspective****Orateur**

Thibaut Paumard

11:00 – 11:30 **The black hole no-hair theorem****Orateur**

Eric Gourgoulhon

11:30 – 11:50

Black-hole metric and disc physics degeneracy on highly lensed observables in SMBH images**Orateur**

Irene Urso

11:50 – 12:10 **Tests of GR with observations of the photon ring****Orateur**

Aaron Held

12:10 – 12:30 **Testing the presence of a fifth force at the Galactic Center****Orateur**

Arianna Foschi

12:30 – 12:50 **Probing spacetime curvature through polarized measurements of flares****Orateur**

Frederic Vincent

13:10