

Session Program

19-20 Dec 2022



XV Black Holes Workshop

Session 6

ISCTE - University Institute of Lisbon

Tuesday 20 December

11:00

Session 6: chaired by V. Cardoso

Session | **Location:** ISCTE-IUL, Auditório J. J. Laginha

11:00-11:15

G. L. Cardoso: Holographic aspects of four-dimensional asymptotically flat $N = 2$ black holes

11:15-11:30

S. Barsanti: Detecting massive scalar fields with Extreme Mass-Ratio Inspirals and LISA

11:30-11:45

B. Juraev: Acceleration and radiation of cosmic rays nearby astrophysical black holes

11:45-12:00

M. Boskovic: Probing scalar particles and forces with compact objects

12:00-12:15

T. Ledvinka: Universality of curvature invariants in critical collapse of axisymmetric gravitational waves

12:15-12:30

M. Lenzi: Black hole greybody factors from Korteweg-de Vries integrals

12:30-12:45

U. Sperhake: The Stochastic background from core collapse supernovae in massive scalar-tensor gravity

12:45