

# Meeting PRIN "String Theory as a bridge between Gauge Theories and Quantum Gravity"



**Thursday, 23 February 2023 - Friday, 24 February 2023**

**University of Turin - Department of Physics**

## **Scientific Programme**

Tracy-Widom distribution in supersymmetric gauge theories

Speaker: Gregory P. Korchemsky (Saclay, IPhT)

Holography with heavy states as a tool to study black holes

Speaker: Rodolfo Russo (Queen Mary University of London)

Fate of radiating black holes with minimum mass in Einstein-dilaton-Gauss-Bonnet theory of gravity

Speaker: Fabrizio Corelli (Sapienza Università di Roma)

Corrections to the thermodynamics of AdS<sub>5</sub> black holes and the superconformal index

Speaker: Alejandro Ruiperez (Università di Roma Tor Vergata)

Higher rank equivariant Donaldson-Witten theory

Speaker: Ekaterina Syssoeva (SISSA)