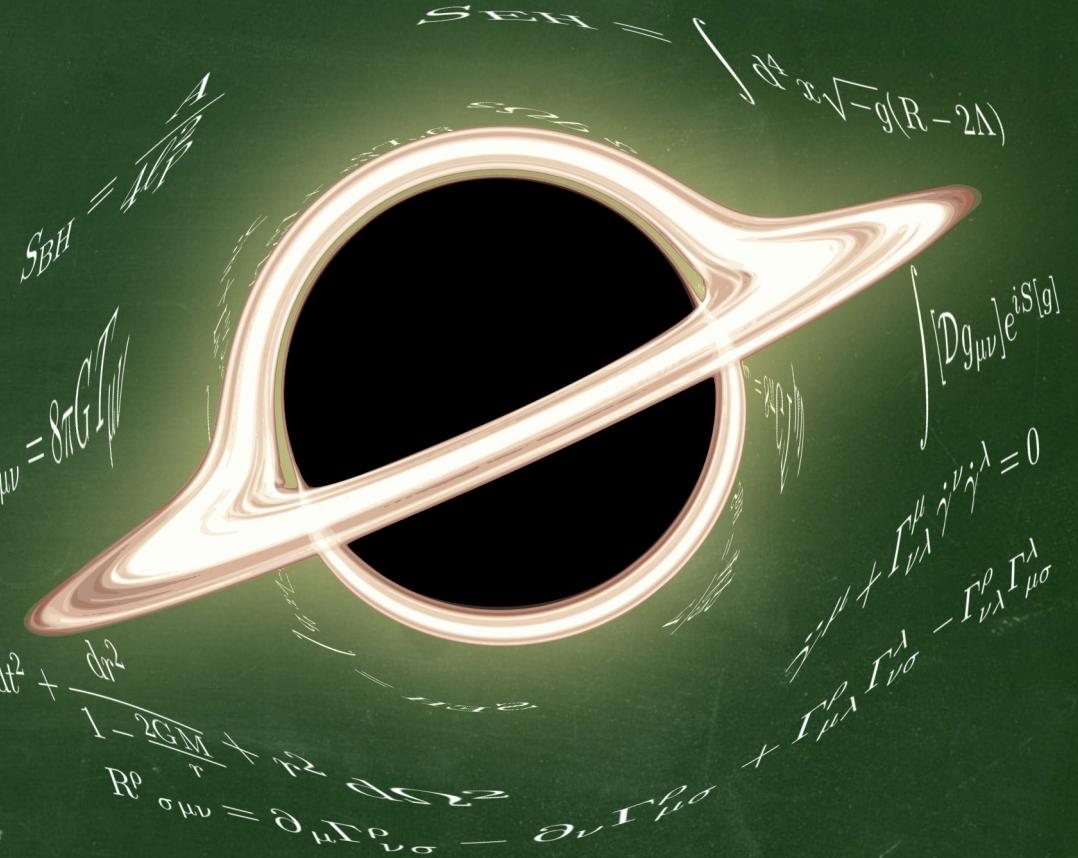


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# Gravity+ Synergy Track

Available to students in the Master programmes of **Particle and Astrophysics** and **Mathematics**

# Gravity+ synergy track



## Courses

- General Relativity
- Gravity+ Club
- Quantum Field Theory
- Quantum Gravity
- Quantum Geometry
- Singularities and Black Holes
- Foundations of Gravitational Waves & Black Hole Perturbation Theory
- Black Holes and Accretion
- Foundations and Frontiers of Gravitational Wave Astrophysics
- Gravitational Wave Astrophysics: Statistics, and Data Analysis
- Nonlinear Wave Equations
- Riemannian Geometry

Conclude with a Master thesis/internship at the research frontier

