

Thematic Programme on
“Spectral Theory and Mathematical Relativity”
June 5 - July 28, 2023

organized by

Piotr T. Chruściel (U of Vienna), Peter Hintz (ETH Zurich), Alexander Strohmaier (U Leeds)

- **Monday, June 12th, 2023**

15:00 – 15:50 **Håkan Andréasson (CUT, Gothenburg)**

The weak cosmic censorship conjecture and the Hoop conjecture in the case of the axially symmetric Einstein-Vlasov system

- **Tuesday, June 13th, 2023**

15:00 – 15:50 **Clotilde Fermanian Kammerer (UPEC)**

Semi-classical approximation for time-dependent systems

- **Wednesday, June 14th, 2023**

15:00 – 15:50 **Jonathan Glöckle (U Regensburg)**

Initial data rigidity via Dirac-Witten operators

- **Thursday, June 15th, 2023**

15:00 – 15:50 **Ethan Sussman (MIT, Cambridge)**

Massive waves gravitationally bound to static bodies

- **Friday, June 16th, 2023**

14:00 – 14:50 **Amir Vig (U of Michigan, Ann Arbor)**

Cancellations in the wave trace

All talks take place at ESI Boltzmann Lecture Hall!