

Session Program

3-7 Jul 2023

26th Capra Meeting on Radiation Reaction in General Relativity

Monday Morning

Niels Bohr Institute, Chr. Hansen Auditorium
Øster Farimagsgade 5

Monday 3 July

09:00

Monday Morning: Talks 1

Session | Location: Niels Bohr Institute, Chr. Hansen Auditorium, Øster Farimagsgade 5 | **Convener:** Leor Barack

09:00-09:20

Metric perturbations of Kerr spacetime in Lorenz gauge using separation of variables

Speaker

Sam Dolan

09:20-09:40

Regge-Wheeler-Zerilli formalism and metric reconstruction

Speaker

Zeyd Sam

09:40-10:00

Application of the GHZ formalism in a puncture scheme

Speaker

Patrick Bourg

10:00-10:20

Comparing different metric reconstruction procedures in Kerr spacetime

Speaker

Zachary Nasipak

10:20

11:00

Monday Morning: Talks 2

Session | Location: Niels Bohr Institute, Chr. Hansen Auditorium, Øster Farimagsgade 5 | **Convener:** Leor Barack

11:00-11:20

Slow-spin black hole perturbation theory

Speaker

Nicola Franchini

11:20-11:40

Multi-domain spectral method for self-force calculations

Speaker

Rodrigo Panosso Macedo

11:40-12:00

Applying the effective-source approach to frequency-domain self-force calculations for eccentric orbits

Speaker

Benjamin Leather

12:00-12:20

Kerr self-force via elliptic PDEs

Speaker

Tommy Osburn

12:20