

Session Program

15-17 Sept 2025

Nonlinear Black Hole Perturbation Theory: Merging Black Holes, Communities and Ideas

Talks

University of Nottingham

Monday 15 September

10:00

Talks: Second order self-force

Session | **Location:** University of Nottingham

10:00–10:30

Introduction to the second order self-force problem

Speaker

Zachary Nasipak

11:00

10:30–11:00

The Bondi-Sachs gauge

Speaker

Andrew Spiers

11:30

Talks: Second order self-force

Session | **Location:** University of Nottingham

11:30–12:00

Source construction

Speaker

Samuel Upton

12:00

14:00

Talks: Higher order ringdown

Session | **Location:** University of Nottingham

14:00–14:30

Introduction to the ringdown

Speaker

Sizheng Ma

14:30–15:00

TBA

Speaker

Neev Khera

15:00–15:30

TBA

Speaker

Patrick Bourg

15:30

16:00

Talks: Higher order ringdown

Session | **Location:** University of Nottingham

16:00–16:30

TBA

Speaker

Stefan Hollands

16:30

Tuesday 16 September

09:30

Talks: From inspiral to ringdown

Session | **Location:** University of Nottingham

09:30–10:00

Numerical relativity's perspective on the ringdown

Speaker

Lorena Magana Zertuche

10:00–10:30

Inspiral-merger-ringdown waveforms

Speaker

Lorenzo Küchler

10:30–11:00

Point particle ringdown

Speaker

Devin Becker

11:00

11:30

Talks: From inspiral to ringdown

Session | **Location:** University of Nottingham

11:30–12:00

TBA

Speaker

Benjamin Leather

12:00

14:00

Talks: Other aspects of the ringdown

Session | **Location:** University of Nottingham

14:00–14:30

Dynamical excitation of the ringdown

Speaker

Marina De Amicis

14:30–15:00

The tail in the ringdown

Speaker

Marc Casals

15:00–15:30

The ringdown at the horizon

Speaker

Ariadna Ribes Metidieri

15:30

16:00

Talks: Other aspects of the ringdown

Session | **Location:** University of Nottingham

16:00–16:30

TBA

Speaker

Christiana Pantelidou

16:30

Wednesday 17 September

09:30

Talks: Observations and tests of general relativity

Session | **Location:** University of Nottingham

09:30–10:00

Ringdown and self force beyond general relativity

Speaker

Thomas Sotiriou

10:00–10:30

Ringdown and observations

Speaker

Gregorio Carullo

10:30–11:00

TBA

Speaker

Swetha Bhagwat

11:00

13:30

Talks: Codes and tools

Session | **Location:** University of Nottingham

13:30–14:00

Hyperboloidal methods

Speaker

Rodrigo Panosso Macedo

14:00–14:30

The Black Hole Perturbation Toolkit

Speaker

Niels Warburton

14:30