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

Report of Contributions

https://indico.global/e/14228

Contribution ID: **1** Type: **not specified**

Introduction to the second order self-force problem

Monday 15 September 2025 10:00 (30 minutes)

Presenter: NASIPAK, Zachary (University of Southampton)

Session Classification: Talks

Contribution ID: **2** Type: **not specified**

The Bondi-Sachs gauge

Monday 15 September 2025 10:30 (30 minutes)

Presenter: SPIERS, Andrew (University of Nottingham)

Session Classification: Talks

Contribution ID: **3** Type: **not specified**

Source construction

Monday 15 September 2025 11:30 (30 minutes)

Presenter: UPTON, Samuel (University of Southampton)

Session Classification: Talks

Contribution ID: **4** Type: **not specified**

Introduction to the ringdown

Monday 15 September 2025 14:00 (30 minutes)

Presenter: MA, Sizheng (Perimeter Institute)

Session Classification: Talks

Contribution ID: **5** Type: **not specified**

TBA

Monday 15 September 2025 14:30 (30 minutes)

Presenter: KHERA, Neev (University of Guelph)

Session Classification: Talks

Contribution ID: **6** Type: **not specified**

TBA

Monday 15 September 2025 15:00 (30 minutes)

Presenter: BOURG, Patrick (Radboud University)

Session Classification: Talks

Contribution ID: **7** Type: **not specified**

TBA

Monday 15 September 2025 16:00 (30 minutes)

Presenter: HOLLANDS, Stefan (University of Leipzig)

Session Classification: Talks

Contribution ID: **8** Type: **not specified**

Numerical relativity's perspective on the ringdown

Tuesday 16 September 2025 09:30 (30 minutes)

Presenter: MAGANA ZERTUCHE, Lorena (Nils Bohr Institute)

Session Classification: Talks

Contribution ID: **9** Type: **not specified**

Inspiral-merger-ringdown waveforms

Tuesday 16 September 2025 10:00 (30 minutes)

Presenter: KÜCHLER, Lorenzo

Session Classification: Talks

Contribution ID: **10** Type: **not specified**

TBA

Tuesday 16 September 2025 11:30 (30 minutes)

Presenter: LEATHER, Benjamin (University of Southampton)

Session Classification: Talks

Contribution ID: **11** Type: **not specified**

Dynamical excitation of the ringdown

Tuesday 16 September 2025 14:00 (30 minutes)

Presenter: DE AMICIS, Marina (Nils Bohr Institute)

Session Classification: Talks

Contribution ID: **12** Type: **not specified**

The tail in the ringdown

Tuesday 16 September 2025 14:30 (30 minutes)

Presenter: CASALS, Marc (Leipzig University and University College Dublin)

Session Classification: Talks

Contribution ID: **13** Type: **not specified**

The ringdown at the horizon

Tuesday 16 September 2025 15:00 (30 minutes)

Presenter: RIBES METIDIERI, Ariadna (Radboud University)

Session Classification: Talks

Contribution ID: **14** Type: **not specified**

TBA

Tuesday 16 September 2025 16:00 (30 minutes)

Presenter: PANTELIDOU, Christiana

Session Classification: Talks

Contribution ID: **15** Type: **not specified**

Ringdown and observations

Wednesday 17 September 2025 10:00 (30 minutes)

Presenter: CARULLO, Gregorio

Session Classification: Talks

Contribution ID: **16** Type: **not specified**

TBA

Wednesday 17 September 2025 10:30 (30 minutes)

Presenter: BHAGWAT, Swetha (University of Birmingham)

Session Classification: Talks

Contribution ID: **17** Type: **not specified**

Ringdown and self force beyond general relativity

Wednesday 17 September 2025 09:30 (30 minutes)

Presenter: SOTIRIOU, Thomas (University of Nottingham)

Session Classification: Talks

Contribution ID: **18** Type: **not specified**

Hyperboloidal methods

Wednesday 17 September 2025 13:30 (30 minutes)

Presenter: PANOSSO MACEDO, Rodrigo (University of Southampton)

Session Classification: Talks

Contribution ID: **19** Type: **not specified**

The Black Hole Perturbation Toolkit

Wednesday 17 September 2025 14:00 (30 minutes)

Presenter: WARBURTON, Niels (University College Dublin)

Session Classification: Talks

Contribution ID: **20** Type: **not specified**

Point particle ringdown

Tuesday 16 September 2025 10:30 (30 minutes)

Presenter: BECKER, Devin (MIT)

Session Classification: Talks