

**GGI Conference on
Gravitational scattering,
inspiral, and radiation**

Report of Contributions

Contribution ID: 1

Type: **not specified**

Status and challenges of theoretical and experimental gravitational-wave physics

Monday, April 26, 2021 3:00 PM (55 minutes)

Presenter: BUONANNO, Alessandra (Max Planck for Gravitational Physics)

Contribution ID: 2

Type: **not specified**

Progress and challenges in numerical relativity

Monday, April 26, 2021 3:55 PM (55 minutes)

Presenter: PRETORIOUS, Frans (Princeton U.)

Contribution ID: 3

Type: **not specified**

Progress and challenges in the relativistic two body problem

Monday, April 26, 2021 5:05 PM (55 minutes)

Presenter: DAMOUR, Thibault (IHES Paris)

Contribution ID: 4

Type: **not specified**

Classical gravitational radiation and soft theorems

Tuesday, April 27, 2021 3:00 PM (45 minutes)

Presenter: SEN, Ashoke (Harish-Chandra Research Institute, India)

Contribution ID: 5

Type: **not specified**

Traditional PN approach to compact binary inspiral

Tuesday, April 27, 2021 3:45 PM (45 minutes)

Presenter: BLANCHET, Luc (GReCO Institut d'Astrophysique de Paris)

Contribution ID: 6

Type: **not specified**

Binary black hole simulations with the Spectral Einstein Code

Tuesday, April 27, 2021 4:45 PM (45 minutes)

Presenter: PFEIFFER, Harald P. (MPI Potsdam)

Contribution ID: 7

Type: **not specified**

Scattering Amplitudes and Gravitational Two-Body Hamiltonians

Tuesday, April 27, 2021 5:30 PM (45 minutes)

Presenter: BERN, Zvi (UCLA)

Contribution ID: 8

Type: **not specified**

Gravitational Dressing of Conformal Galileons

Wednesday, April 28, 2021 3:15 PM (45 minutes)

Presenter: GABADADZE, Gregory (NYU)

Contribution ID: 9

Type: **not specified**

Gravitational Wave Observables for Inspiralling Compact Binaries from Post-Minkowskian Scattering Data

Wednesday, April 28, 2021 2:30 PM (45 minutes)

Presenter: PORTO, Rafael (DESY)

Contribution ID: **10**

Type: **not specified**

Gravity at all scales from QFT strategies

Wednesday, April 28, 2021 4:15 PM (45 minutes)

Presenter: LEVI, Michèle (Niels Bohr Institute, Copenhagen)

Contribution ID: 11

Type: **not specified**

From Amplitudes to Waveforms

Wednesday, April 28, 2021 5:00 PM (45 minutes)

Presenter: KOSOWER, David (IPhT, CEA-Saclay)

Contribution ID: 12

Type: **not specified**

The Eikonal Approach to Gravitational Scattering and Radiation

Thursday, April 29, 2021 4:45 PM (45 minutes)

Presenter: RUSSO, Rodolfo (Queen Mary University of London)

Contribution ID: 13

Type: **not specified**

Celestial Diamonds: Double Copy, Soft Charges and Conformal Dressings

Thursday, April 29, 2021 3:45 PM (45 minutes)

Presenter: PUHM, Andrea (CPHT, CNRS, Ecole Polytechnique, IP Paris)

Contribution ID: 14

Type: **not specified**

Towards gravitational-wave models informed by scattering

Thursday, April 29, 2021 3:00 PM (45 minutes)

Presenter: STEINHOFF, Jan (Albert Einstein Institute (Potsdam))

Contribution ID: 15

Type: **not specified**

The linear response theory of black holes

Friday, April 30, 2021 5:30 PM (45 minutes)

Presenter: ROTHSTEIN, Ira (Carnegie Mellon University)

Contribution ID: 16

Type: **not specified**

Black hole binaries in quadratic gravity: dynamical (de-)scalarization

Friday, April 30, 2021 3:00 PM (45 minutes)

Presenter: WITEK, Helvi (Illinois U.)

Contribution ID: 17

Type: **not specified**

Post-Newtonian, Near & Far zone and All That

Friday, April 30, 2021 3:45 PM (45 minutes)

Presenter: STURANI, Riccardo (International Institute of Physics (Natal))

Contribution ID: **18**

Type: **not specified**

Numerical Relativity at the Extreme

Friday, April 30, 2021 4:45 PM (45 minutes)

Presenter: LOUSTO, Carlos (Rochester Institute of Technology, NY)

Contribution ID: 19

Type: **not specified**

Symmetries of Gravitational Scattering

Thursday, April 29, 2021 5:30 PM (45 minutes)

Presenter: STROMINGER, Andy (Harvard University)