

EOB and Amplitudes in Gravity

Report of Contributions

Contribution ID: **1**

Type: **not specified**

Introduction

Thursday, 8 June 2023 14:30 (30 minutes)

Presenter: CASADIO, Roberto (Istituto Nazionale di Fisica Nucleare)

Contribution ID: 2

Type: **not specified**

The Effective-One-Body model for the relativistic a two-body system: an overview in comparison with standard Post-Newtonian approaches

Thursday, 8 June 2023 15:00 (1 hour)

Presenter: BINI, Donato

Contribution ID: 3

Type: **not specified**

Feynman Integrals and Scattering Amplitudes for Compact Binary Dynamics

Thursday, 8 June 2023 16:30 (1 hour)

Presenter: MASTROLIA, Pierpaolo (Istituto Nazionale di Fisica Nucleare)

Contribution ID: 4

Type: **not specified**

Post-Newtonian, Post-Minkowskian, Gravitational self-force, Amplitudes: circulating gauge-invariant information for the relativistic a two-body system

Friday, 9 June 2023 09:30 (1 hour)

Presenters: USSEGLIO, Davide; BINI, Donato

Contribution ID: 5

Type: **not specified**

Feynman rules and Post-Newtonian expansion

Friday, 9 June 2023 09:00 (30 minutes)

Presenter: PEROGIN, Matteo

Contribution ID: 6

Type: **not specified**

Applications of Post-Newtonian and Post-Minkowskian expansions

Friday, 9 June 2023 11:00 (1 hour)

Presenter: BRUNELLO, Giacomo

Contribution ID: 7

Type: **not specified**

Perturbative gravitational scattering and experimental mathematics

Friday, 9 June 2023 12:00 (30 minutes)

Presenter: LAPORTA, Stefano

Contribution ID: 8

Type: **not specified**

Spin corrections and Tidal effect

Friday, 9 June 2023 14:30 (30 minutes)

Presenter: MANDAL, Manoj

Contribution ID: 9

Type: **not specified**

Feynman Calculus and Intersection Theory: from Electromagnetism to Quantum Field Theory and Cosmology

Friday, 9 June 2023 15:00 (30 minutes)

Presenter: MASTROLIA, Pierpaolo (Istituto Nazionale di Fisica Nucleare)

Contribution ID: **10**

Type: **not specified**

Conclusions

Friday, 9 June 2023 15:30 (30 minutes)

Presenter: CASADIO, Roberto (Istituto Nazionale di Fisica Nucleare)