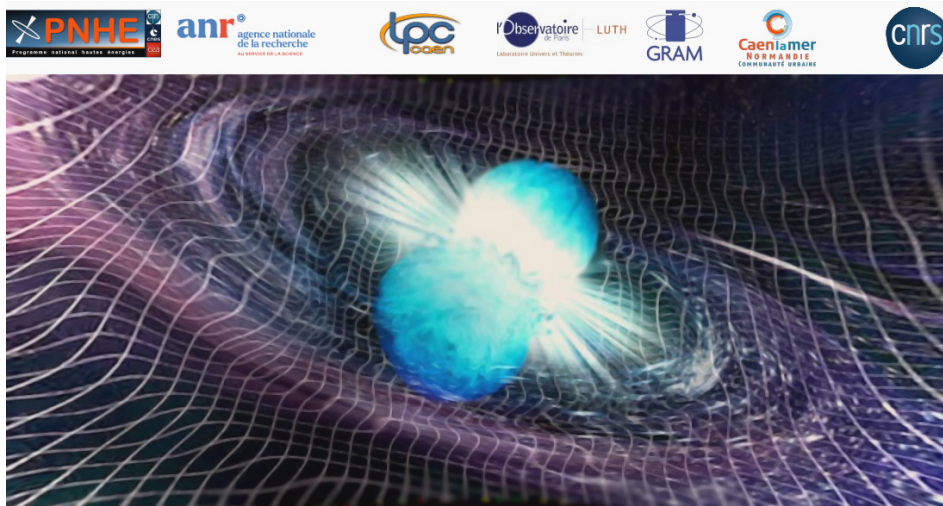


Thematic school GWsNS-2023: Gravitational Waves from Neutron Stars



Rapport sur les contributions

ID de Contribution: **1**

Type: **Non spécifié**

Outreach seminar (J. Margueron)

mercredi 7 juin 2023 20:30 (1h 30m)

Seminar by Jérôme Margueron (IP2I, Lyon, France) for the general public.

ID de Contribution: 2

Type: **Non spécifié**

Posters & Talks (Monday)

Student contributions (Monday)

Classification de Session: Student presentations

ID de Contribution: 3

Type: **Non spécifié**

Posters & Talks (Tuesday)

Student contributions (Tuesday)

Classification de Session: Student presentations

ID de Contribution: 4

Type: **Non spécifié**

Posters & Talks (Wednesday)

Student contributions (Wednesday)

Classification de Session: Student presentations

ID de Contribution: 5

Type: **Non spécifié**

Pictures :)

Participants, teachers and organizers at the Centre Paul Langevin (Aussois, June 7th 2023)... and some extra pictures!

ID de Contribution: 6

Type: **Non spécifié**

Dense Matter in NS (Fiorella Burgio)

Slides of the lecture “Ultra-dense matter in NS and Supernovae” by Fiorella Burgio.

Classification de Session: Ultra-dense matter in neutron stars and supernovae

ID de Contribution: 7

Type: **Non spécifié**

Neutron stars and gravitational waves (T. Dal Canton)

Slides of the lecture "Neutron stars and gravitational waves".

Classification de Session: Gravitational wave sources and data analysis

ID de Contribution: 8

Type: **Non spécifié**

Core collapse supernovae and gravitational wave emission (P. Cerdá-Durán)

Slides for the three lectures:

- Core collapse supernovae and gravitational wave emission
- GRAVITATIONAL WAVES FROM CCSNe
- Exercises

Classification de Session: Simulations of GW emission from supernova and proto-neutron star

ID de Contribution: 9

Type: **Non spécifié**

Numerical simulations of coalescing neutron star binaries (B. Giacomazzo)

Slides of the “lectures Numerical simulations of coalescing neutron star binaries” (B. Giacomazzo), parts 1 and 2.

Classification de Session: Numerical simulations of coalescing neutron star binaries

ID de Contribution: **10**

Type: **Non spécifié**

Nucleosynthesis in NS mergers (G. Martinez-Pinedo)

Slides of the lecture “Heavy element nucleosynthesis in neutron star mergers and its electromagnetic signatures” (Gabriel Martínez-Pinedo).

Classification de Session: Heavy element nucleosynthesis in neutron star mergers and its electromagnetic signatures