

MAC IN2P3 master project in-person meeting

Rapport sur les contributions

ID de Contribution: 1

Type: **Non spécifié**

Superfluid fraction in the inner crust of neutron stars

jeudi 30 mai 2024 11:00 (30 minutes)

Orateur: ALMIRANTE, Giorgio (IJCLab, Orsay)

Classification de Session: Morning session

ID de Contribution: 3

Type: **Non spécifié**

Marco Antonelli

jeudi 30 mai 2024 11:30 (30 minutes)

Classification de Session: Morning session

ID de Contribution: 4

Type: **Non spécifié**

Mohamad Chamseddine

jeudi 30 mai 2024 12:00 (30 minutes)

Classification de Session: Morning session

ID de Contribution: 6

Type: **Non spécifié**

Assuring Quality Software for Reproducible Research

jeudi 30 mai 2024 15:30 (30 minutes)

Orateur: DAVIS, Philip (Laboratoire de Physique Corpusculaire - Caen)

Classification de Session: Afternoon session

ID de Contribution: 7

Type: **Non spécifié**

Mingya Duan

jeudi 30 mai 2024 16:00 (30 minutes)

Classification de Session: Afternoon session

ID de Contribution: 8

Type: **Non spécifié**

Neutron-star crust modelling and unified equations of state (ongoing projects)

jeudi 30 mai 2024 16:30 (30 minutes)

Orateur: FANTINA, Anthea ({CNRS}UPR3266)

Classification de Session: Afternoon session

ID de Contribution: 9

Type: **Non spécifié**

Calibrating the in-medium modifications the clusters energy

jeudi 30 mai 2024 17:00 (30 minutes)

Orateur: GULMINELLI, Francesca (LPC/Ensicaen)

Classification de Session: Afternoon session

ID de Contribution: 20

Type: **Non spécifié**

Observation of gravitational waves from the coalescence of a 2.5-4.5 solar mass compact object and a Neutron Star

jeudi 30 mai 2024 14:00 (1 heure)

After a general introduction to gravitational waves astronomy, the seminar will discuss the recent results of the LIGO-Virgo-KAGRA fourth observing run, with focus on the observation, on May 29 2023, of the gravitational wave signal GW230529_181500. This signal is generated from the coalescence of a neutron star with a compact object with mass between the most massive neutron stars and the least massive black holes observed in the Galaxy. From gravitational waves data alone, we are not able to determine if the compact object is a neutron star or a black hole. To conclude, the seminar will report on the present LIGO-Virgo-KAGRA observing capabilities and the status of the ongoing observation run.

Orateur: SORDINI, Viola (IP2I Lyon)

ID de Contribution: **21**

Type: **Non spécifié**

Round table

vendredi 31 mai 2024 14:00 (1 heure)

Classification de Session: Afternoon session

ID de Contribution: 22

Type: **Non spécifié**

Constraining the EoS and compact stars structure with multi-messenger data

vendredi 31 mai 2024 09:30 (30 minutes)

Orateur: KHAN, Elias (IJCLab, Orsay)

Classification de Session: Morning session

ID de Contribution: **23**

Type: **Non spécifié**

Nuclear equation of state for the study of neutron stars

vendredi 31 mai 2024 10:00 (30 minutes)

Orateur: KLAUSNER, Pietro (Université de Normandie - Caen / LPC / Università degli studi di Milano)

Classification de Session: Morning session

ID de Contribution: **24**

Type: **Non spécifié**

Beyond meta-modeling

vendredi 31 mai 2024 10:30 (30 minutes)

Orateur: Dr MARGUERON, Jerome (IRL NPA, USA)

Classification de Session: Morning session

ID de Contribution: 25

Type: **Non spécifié**

Gabriele Montefusco

vendredi 31 mai 2024 11:30 (30 minutes)

Classification de Session: Morning session

ID de Contribution: 27

Type: **Non spécifié**

Fermi gases and dilute neutron matter with low-momentum interactions

vendredi 31 mai 2024 12:00 (30 minutes)

Orateur: URBAN, Michael (IJCLab, Orsay)

Classification de Session: Morning session