Pregramme des sessions

16–17 nov. 2026

GdR Gravitational Waves WG joint meeting: Source populations and Multi-messenger Astronomy

Stellar mass objects

IAP, Amphithéatre
98bis Bd Arago, 75014 Paris

mar. 17 novembre

13:30

Stellar mass objects: Stellar mass objects

Session | **Site:** IAP, Amphithéatre, 98bis Bd Arago, 75014 Paris | **Responsables de session:**
Astrid Lamberts, Floriane Cangemi, Irina Dvorkin, Dr Marion Pillas

13:30 – 14:00

Invited talk: Isotropic Gravitational-Wave Background Search Results from the 4th LVK observing run

Orateur
Alba ROMERO RODRIGUEZ

14:00 – 14:20 **Contributed talk: Joint multi-messenger inference of double white dwarfs with LISA**

Orateur
Nina Kunert

14:20 – 14:40

Contributed talk: A deep, large-scale survey for LISA white dwarf binary candidates with the Canada-France Hawaii Telescope

Orateur
Alice Perego

14:40 – 15:00

Comparing degrees of EOS knowledge in prior choices for gravitational-wave parameter estimation and equation-of-state inference for binary neutron stars (Contribution from NS-SN-Nucleosynthesis WG)

Orateur
Adrian Abac

15:00 – 15:20

Contributed talk: The Parameter Space of BNS Populations: Formation Channels and Merger Rates

Orateur
Mathieu VENET

15:20 – 15:50 **Neutron stars, EOS, Multi-messenger astronomy, Population: Discussion**

Orateurs
Astrid Lamberts, Floriane Cangemi, Irina Dvorkin, Dr Marion Pillas, Matteo Bugli, Olivier GODET

15:50 – 16:20 **Coffee Break**

16:20 – 16:40

Contributed talk: Natal kicks and r-process enrichment: starting to trace binary neutron star populations in cosmological simulations

Orateur
Arturo Nunez-Castineyra

16:40 – 17:00

Inferring dense matter properties from gravitational waves (Contribution from NS-SN-Nucleosynthesis WG)

Orateur
Aleksandra Vishnevskaia

17:30

17:00 – 17:20 **Contributed talk: Modelling astrophysical stochastic signals in LISA**

Orateur
Alexandre Toubiana