

Session Program

27 October 2020

Belgian Gravitational Wave Meeting - October 27 2020

Neutron Star mergers and Fundamental Physics

Zoom

Belgian Gravitational Wave Meeting - October 27th 2020 Scheduled: 27 Oct 2020 at 09:00 to 18:30
Location: <https://zoom.us/j/91252316539?pwd=aHpwd2dQS0pWTy91S2hHK1JjTHNyZz09> Geoffrey
Compère is inviting you to a scheduled Zoom meeting. Topic: Belgian Gravitational Wave Meeting -
October 27th 2020 Time: Oct 27, 2020 09:00 AM Paris Join Zoom Meeting <https://zoom.us/j/91252316539?pwd=aHpwd2dQS0pWTy91S2hHK1JjTHNyZz09> Meeting ID: 912 5231 6539 Passcode:
BelgianGW

Tuesday 27 October

16:10

Neutron Star mergers and Fundamental Physics

Session |

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16:10–16:30

The ν_R -philic scalar: its loop-induced interactions and Yukawa forces in LIGO observations

Speaker

Xunjie Xu

16:30–16:50

Properties of the secondary component of GW190814

Speaker

Prasanta Char

16:50–17:10

The source of secondary peaks in the GW power spectral density from neutron star post-mergers

Speaker

Matteo Lucca

17:10–17:30

Effects of dense matter properties on the tidal deformability and GW waveforms of neutrons star mergers

Speaker

Loïc Perot

17:30