

Electromagnetic counterparts of binary neutron star mergers: perspectives for future detections & multi-messenger studies

mardi 12 octobre 2021 10:15 (15 minutes)

In this talk, we will present recent results obtained with our population model for the future detectability of electromagnetic counterparts of BNS mergers (kilonova, afterglow, short gamma-ray burst). We will also give examples of multi-messenger studies that can be conducted using these future detections.

Authors: Prof. DAIGNE, Frédéric (IAP); Dr DUQUE, Raphaël (IAP); Dr MOCHKOVITCH, Robert (IAP)

Orateur: Prof. DAIGNE, Frédéric (IAP)

Classification de Session: Groupe de Travail: prédiction et suivi des signaux multi-messenger