

ID: MSCA-2020-JDHondt07

Title: Exploring the stochastic astrophysical and cosmological gravitational wave background: from modeling to observation

This proposal focuses on the stochastic background of gravitational waves (SBGW), both of astrophysical and of cosmological origin. One aspect of this proposal is the modeling of the SBGW originating in the early universe. Another aspect of this project focuses on the experimental observation of the SBGW, with the current instruments as well as with future facilities, specifically dealing with the data analysis challenges and strategies.

Supervisor: Alberto.Mariotti@vub.be Alexander.Sevrin@vub.be

Research Group: <https://www.iihe.ac.be/>

To apply: <https://www.vub.ac.be/en/european-liaison-office#apply-msca-if>