

PhD position at University of Liège

Location: Space sciences, Technologies and Astrophysics Research (STAR) Institute, University of Liège, Belgium

Description: The High Energy Astrophysics Group of the STAR Institute is looking for a motivated PhD student to undertake investigations of early-type stars. Those stars are bright and massive objects that eject dense stellar winds throughout their lives and that end as neutrons stars or black holes after a titanic supernova explosion. Massive stars also are X-ray sources and those energetic emissions have several origins, not always well known. The goal of the work will be to use optical and X-ray observations to better constrain the origin of these X-ray emissions, and to develop innovative diagnostic tools to be confronted with future observations. The research to be done includes computational and observational work. The position opens on 1 January 2021. A valid application should include a letter of motivation as well as CV of the candidate and the names and coordinates of two reference persons (preferentially from two different institutions). For further information, please contact us at the e-mail addresses below.

Contact: ynaze@uliege.be, g.rauw@uliege.be

URL: www.gaphe.ulg.ac.be/index_e.html

Closing date: 10/12/2020