

Work visit of an Indian colleague to Belgium

(04/12/2022 to 15/12/2022)

Anandmayee Tej (IIST, India; see picture) visited [Michaël De Becker](#) (ULiège, Belgium) to work on the project about the physics of massive stars in various configurations (either in binary systems or in the context of their feedback on their environment) and to discuss ongoing and future projects (especially in terms of radio and X-ray observations). The investigation of particle acceleration in isolated massive stellar systems is of mutual interest. A joint proposal for this project was submitted to obtain telescope time on the GMRT@NCRA-TIFR (Pune, India) to observe an extended sample of Wolf-Rayet (WR) bubbles. Telescope time was allocated and the results were published in a manuscript that was finalized during her visit [[Saha et al., 2023, "Search for particle acceleration in two massive Wolf-Rayet stars using uGMRT observations", Monthly Notices of the Royal Astronomical Society 526\(1\), 750 \(impact factor 2023: 4.7\)](#)]. The work was presented as a contributed talk during the 3rd BINA workshop [[Saha et al., 2024, "Study of Wolf-Rayet stars using uGMRT", Bulletin de la Société Royale des Sciences de Liège 93\(2\), 491](#)].

