

PDRA in massive star populations and the host environments of supernovae

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Applications are invited for a 3-year PDRA position in observational astronomy within the Astronomy Group based at The University of Sheffield, UK. The successful applicant will work with Justyn Maund and Paul Crowther on investigating the connections between populations of massive stars and stripped envelope core-collapse supernovae in nearby star-forming galaxies.

This research will involve the reduction, analysis and interpretation of high quality HST WFC3 observations of massive star regions in other galaxies, associated with recent stripped-envelope supernova explosions. Further information on the activities of the astronomy group can be found at: <http://www.astro.group.shef.ac.uk>

The PDRA will be expected to hold a PhD in astrophysics at the start of the appointment, and to have experience of the analysis and interpretation of observations of massive star populations. A good general knowledge of the astrophysics of massive star evolution and core-collapse supernovae is desirable. As part of your application, please upload a copy of your CV, including a list of publications, and a cover letter briefly explaining why you are applying for the role and how your experience is suited to the project.

Attention/Comments: Justyn Maund j.maund@sheffield.ac.uk or Paul Crowther paul.crowther@sheffield.ac.uk

Weblink: <https://jobregister.aas.org/ad/25be982e>

Email: paul.crowther@sheffield.ac.uk

Deadline: 12 Jan 2018