



Junior Research Fellowship in Gravitational Wave Astronomy

Last date for Application: August 9, 2017

Applications are invited for a Junior Research Fellowship (JRF) position to work in the project "Gravitational Wave Astronomy with a network of ground-based detectors" under Dr. Sanjit Mitra at IUCAA. The project is funded by the Department of Science and Technology (DST), India. The position is available immediately. The position is extendable to a Senior Research Fellowship (SRF) after two years and may lead to a Ph.D. degree.

Fellowship

The position offers a monthly fellowship and other facilities given to Junior/Senior Research Fellows as per standard norms.

Qualification

Successful completion of M.Sc./B.E./B.Tech./M.Tech. or equivalent degree with first class or equivalent class/grade. GATE/NET qualification is desirable.

Experience

Candidates must have a good background in Physics and a strong motivation to develop complex instrumental/analysis techniques for efficient detection of gravitational waves using a global network of detectors. Prior experience in projects related to observational Astronomy or experimental Physics will be preferred.

How to apply

Interested candidates may apply by email to Mr. Santosh Khadilkar <aocp@iucaa.in> with a Curriculum Vitae and a brief (one paragraph) statement of purpose. In email applications, please mention in the subject line 'Application for JRF in GW Astronomy'. The applicants should also arrange for two letters of reference to be sent directly to the same email address before the deadline.

Deadline for submission of application: August 9, 2017.

Job description

The candidate will be expected to develop instrumental/analysis techniques to improve the sensitivities of the gravitational wave detectors. Emphasis will be given to aspects which are relevant for installation, commissioning and upgrades planned for LIGO-India.

Enquiries

For further enquiries, please contact Mr. Santosh Khadilkar at aocp@iucaa.in