

Research Associate in Theoretical Stellar Astrophysics

Raphael Hirschi

Keele University, Keele, ST5 5BG, United Kingdom

Fixed Term for 2 Years

Starting salary: Grade 7 £31,342

Keele University wishes to appoint a Research Associate for a duration of 2 years starting 1 January 2015, in order to conduct research on theoretical stellar astrophysics.

You will work in the group led by Dr Raphael Hirschi within the Astrophysics Group at Keele University as part of an ERC-funded project entitled "Stellar HYdrodynamics, Nucleosynthesis and Evolution" (SHYNE).

You will lead the explosive nucleosynthesis component of this project, which includes grids of models as well as impact studies of key nuclear reactions. You will also contribute to the other components of the project and be encouraged to develop your own research program and your leadership skills.

You should have or be expecting to obtain a PhD in astrophysics or a related area within a year of appointment and should have a demonstrated aptitude for research. Experience in theoretical stellar astrophysics is essential and experience with parallel computer programming is highly desirable.

For more details of this post and the Keele Astrophysics Group, and for information on how to apply, see <http://www.astro.keele.ac.uk>.

For further enquiries please contact Dr Raphael Hirschi at r.hirschi@keele.ac.uk.

Keele University is committed to the principles of the Athena SWAN charter, and values equality and diversity across our workforce. We strive to ensure that our workforce is representative of broader society, and therefore, we would actively welcome applications from women for this role.

For full post details and to apply, please visit: <http://tinyurl.com/RE14-10>

Shortlisting will take place on 8th October 2014

Closing date for applications: 1st October 2014

Interviews may be conducted remotely if needed (via skype or similar technology)

Post reference: RE14/10

Attention/Comments:

Weblink: <http://tinyurl.com/RE14-10>

Email: r.hirschi@keele.ac.uk

Deadline: 1 October 2014