



The Joint Institute for VLBI ERIC (JIVE) is seeking candidates for fixed-term appointment as

SUPPORT SCIENTIST

to be located at JIVE, Dwingeloo, The Netherlands.

The European VLBI Network (EVN) is an interferometric array of radio telescopes spread throughout Europe, extending into Asia, Africa, and Puerto Rico, and often observes in conjunction with the e-MERLIN interferometer in the UK and the VLBA in the US. The Joint Institute for VLBI ERIC (JIVE) is a European Research Infrastructure Consortium hosted at ASTRON, the Netherlands Institute for Radio Astronomy. JIVE operates the EVN VLBI correlator, provides front-line support to EVN users and member telescopes, and is actively developing new correlator capabilities to promote scientific exploitation of real-time e-VLBI, wide fields of view, and larger global VLBI arrays observing with the African VLBI Network or ALMA. Dutch universities are within easy reach of Dwingeloo, and interaction with other radio-astronomy institutes throughout Europe provides for a vibrant research atmosphere.

Job description:

We invite applications for the position of JIVE Support Scientist, available from the autumn of 2015. The position has a 50-50 split between support duties and the appointee's own research. Principal support responsibilities include:

- assisting EVN users to schedule and analyze VLBI experiments;
- monitoring EVN performance through dedicated test observations;
- overseeing the correlation of experiments: data-quality review, preparation of PI/station feedback, liaison with users and network telescopes, etc.;
- maintaining/developing features of the EVN pipeline;
- testing new correlator/network capabilities.

The position may also involve a modest amount of other local-service collateral duties, such as visitor coordination or organizing colloquia.

Job requirements:

- a Ph.D. in astronomy or other relevant field, and a solid foundation in radio interferometry techniques;
- interest in VLBI processing software would be a plus;
- a good command of written and spoken English is essential.

We offer:

The appointment is offered for one year in the first instance with extension up to a total of three years pending good performance. The appointee will be in the formal employ of the Netherlands Organization for Scientific Research (NWO). The position carries a competitive salary plus an excellent package of secondary benefits, including relocation expenses.

Information:

For further information regarding JIVE and the EVN, refer to www.jive.eu and www.evlbi.org. For more information about this vacancy please contact Erika Timmerman, HR Officer, phone: +31 521 595 212 or e-mail: personnel@astron.nl. For informal enquiries please contact Dr. R.M. Campbell (campbell@jive.eu), Head of Science Operations at JIVE.

Reactions:

You can apply for this job by sending a curriculum vitae, list of publications, and a description of research interests to personnel@astron.nl (reference number JIVE2015/03). Please arrange for three letters of reference to be sent separately to the same address by the deadline. All application materials should arrive by **22 September 2015**.