

The Informatics Institute and the Anton Pannekoek Astronomical Institute of the University of Amsterdam, the Netherlands, have a vacancy for a

Post-doc, for research in computational astrophysics
full time for a maximum of three years
vacancy number: **06-1030**

The position is offered in collaboration with the Computer Science Section and the Anton Pannekoek Astronomical Institute.

Requirements

We are looking for a post-doc with expertise in building and maintaining a GRID infrastructure to design and set up a nationwide GRID of special-purpose computers. The specialized hardware of choice is based on GRAPE-6, which is a dedicated computer for calculating the mutual gravity between planets, stars and black holes. The GRID computer will be used to simulate large stellar clusters, such as galactic nuclei.

The appointee will be expected to actively participate in a large international collaboration (Amsterdam, IAS Princeton USA, U. Tokyo Japan, ARI Heidelberg Germany). In Amsterdam, the researcher will be a member of a small but active group of staff members, post-doc researchers, PhDs and Master's students.

Preference will be given to candidates with experience in computational science, parallel computing and gravitational astrophysics. Experience with computational GRIDs is an advantage. Candidates should be able to communicate fluently in English.

More information

Information is available at: <http://modesta.science.uva.nl>. For further questions, please contact Simon Portegies Zwart: Anton Pannekoek Astronomical Institute and Computational Science Section, University of Amsterdam, Kruislaan 403, 1098 SJ Amsterdam, The Netherlands, tel.: +31 (0)20 5257510, fax: +31 (0)20 5257484, e-mail: spz@science.uva.nl.

Appointment

The appointment will be full time (38 hours per week) for a period of one year with a possible extension for a further two years. The gross monthly salary will be in accordance with the University regulations for academic personnel and will range from € 2,252 up to a maximum of € 3,554 (scale 10), based on a full-time appointment and depending on the number of years of professional experience.

Applications

Applications should include:

- a detailed curriculum vitae
- * a list of publications
- * a brief summary (max. two pages) of research experience and accomplishments
- names of at least three referees who have been asked to submit a letter of recommendation.

Applications should be sent to: Universiteit of Amsterdam, Faculty of Science, Personnel Dept. attn J.C. Knaap-Cabi, Kruislaan 404, 1098 SM Amsterdam, The Netherlands.

Applications may also be sent by e-mail to: application@science.uva.nl, attn J.C. Knaap-Cabi, also bearing the vacancy number and the other documents.

The appointee will start immediately, or as soon as convenient.

The deadline for applications is 1 July 2006.