

POSTDOCTORAL POSITIONS IN ASTROPHYSICS AT S.I.S.S.A.

The Astrophysics Sector (<http://www.sissa.it/ap/>) of the International School for Advanced Studies of Trieste (Italy) expects to have an opening for at least two research associate (post-doc) positions starting in Fall 2009. The positions are for two years (formally 1+1 but with renewal based only on reasonable scientific performance) and can be possibly extended for a further third year.

The SISSA [Astrophysics Sector](#) consists of a faculty of eight permanent members and two contract researchers. Also there are currently 7 postdocs and 22 graduate students (including 13 foreigners). Several additional professors and postdocs are often visiting and collaborating with the members of the Sector.

The research areas covered by the Sector include: early universe physics, cosmic microwave background, large scale structure, galaxies, dark matter, galactic and extragalactic black-holes, high energy astrophysics, relativistic astrophysics and gravitation theory. There will be no a priori selection based on the candidate's research topics.

SISSA is an International and multidisciplinary PhD school, unique in Italy, pursuing research in the fields of Physics, Mathematics and Biophysical Sciences (<http://www.sissa.it/>). It is at present located at the Miramare Science Campus to the north of Trieste, which it shares with the Abdus Salam International Centre for Theoretical Physics (ICTP). SISSA will soon be moving to a new campus on a hillside overlooking the city and Gulf of Trieste. This new campus will give more space and enhanced facilities while still being located at a convenient distance from the main scientific institutions of the area (ICTP, Trieste University, Trieste Observatory...). Trieste is 130 km east of Venice and near to Slovenia, Austria and Croatia.

The selected candidates are expected to take part in the scientific activity of the Sector and to carry out their own independent research. There are no (compulsory) teaching duties. The salary is more than adequate for the local cost of living and we offer funding for traveling and invitations of collaborators. SISSA also offers good computer facilities and access to supercomputing resources. All of the scientific activity (and most of the administration) is carried out in English and we provide facilities for members (housing office, Italian classes, soon a kindergarden for children of SISSA members, etc.).

Applicants should submit via web (<http://www.sissa.it/ap/postdoc/>) a curriculum vitae, list of publications, brief descriptions of past research and future plans, and provide the

names and email addresses of at least two referees who we will automatically contact.

For further information or problems with the electronic submission, you can contact Dr. Lorena Bencina via email: bencina@sissa.it

Completed applications should be received no later than Nov. 15, 2008.