

INAF – ARCETRI ASTROPHYSICAL OBSERVATORY Florence (ITALY)

International Post-Doctoral Fellowship

SUBMISSION ADDRESS:

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The INAF – Arcetri Astrophysical Observatory (Florence) intends to award a post-doctoral fellowship in the field of cosmic-ray acceleration in supernova remnant shocks. The fellow is expected to focus his/her activity and have previous experience on one or more of the following topics: non-linear diffusive particle acceleration; obliquity dependence of magnetic field amplification, injection and acceleration of cosmic rays; coupling between acceleration and thermal heating; modification of shocks moving in partially neutral media; high-energy non-thermal emission from cosmic-ray modified shocks; link between the cosmic-ray spectrum accelerated in supernova remnants and that observed at Earth.

Applicants must have a Ph.D. or equivalent at the starting date of the fellowship. The gross yearly salary will be 28.000,00 Euro (CRA 1.05.01.10.11 - CUP- C11J11000060005). The fellowship will be initially for one year, with possible extensions depending on funding availability and a positive evaluation of the research carried out during the first year. The fellowship will not entail social benefits or medical insurance.

No special application forms are required. The applicants should send a CV and a list of publications to the above submission address and should arrange for two letters of recommendation to be sent separately to the same address. E-mail submission is accepted. Applications and recommendation letters should be received no later than February 25th, 2012. The starting date will be as early as possible, and anyway not later than July 2012.

Application deadline: February 25th, 2012

Contact person:

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The director
(Dr. Filippo Mannucci)



Firenze January 24th, 2012
Prot. 83/2012 Tit.III Cl.5