

INAF
OSSERVATORIO ASTRONOMICO DI TRIESTE

Concorso per il conferimento di n. 1 borsa di studio post-dottorato

Il Direttore,

- Visto il D.L. n. 138/2003;
- Visto il "Regolamento sull'organizzazione e funzionamento dell'Istituto Nazionale di Astrofisica", pubblicato sul S.O. della G.U. n.300 del 23/12/2004;
- Visto il "Regolamento sull'amministrazione, sulla contabilità e sull'attività contrattuale dell'Istituto Nazionale di Astrofisica", pubblicato sul S.O. della G.U. n.300 del 23/12/2004;
- Visto la circolare del 07/01/2005 del DSR INAF;
- Vista la nota prot. 32/05/DSR del 17/02/2005 emanata dal DSR INAF;
- Considerato che la borsa graverà sui fondi assegnati nel Bilancio 2010, CRA 2.05.19 "FP7 StGDeLucia2007", per Euro 83.000,00 sul Cap. 1.05.08 "Borse di studio, assegni di ricerca e finanziamento di dottorati", centro di costo 1.04/Osservatorio Astronomico di Trieste, come da (FP7/2007-2013)/ERC Grant Agreement n. 202781; in caso di ritardo nell'assegnazione dei fondi o di assenza di copertura finanziaria la fruizione della borsa potrà essere rispettivamente rinviata o annullata.

DECRETA

Art. 1
PROGETTO DI RICERCA

E' indetta una selezione per titoli, eventualmente integrata da colloquio, per il conferimento di 1 borsa di studio *post-dottorato* della durata di 24 mesi nell'ambito del progetto "*Galaxies through the cosmic ages: the role of primordial conditions and environmental effects*", P.I. Gabriella De Lucia, finanziato dallo *European Research Council*, attraverso uno *Starting Independent Researcher Grant*.

Le modalità di partecipazione alla selezione sono definite nell'allegato al presente decreto,

Trieste, 4 agosto 2010

IL DIRETTORE
Prof. Stefano CRISTIANI

INTERNATIONAL POST-DOC FELLOWSHIP AT INAF-TRIESTE OBSERVATORY

INAF – Trieste Observatory (INAF-OATs) invites applications for a post-doctoral research position in the field of galaxy formation and evolution. The research will be carried out in the framework of the project: “*Galaxies through the cosmic ages: the role of primordial conditions and environmental effects*”, P.I. Gabriella De Lucia, funded by the *European Research Council*, through a *Starting Independent Researcher Grant*.

The successful applicant will work in close collaboration with Dr. De Lucia and other members of the cosmology and galaxy formation groups in Trieste on further developments of a semi-analytic model of galaxy formation and on studies related to the evolution of galaxies and their dependence on the global and local environment. The project will include detailed comparisons between mock galaxy catalogues and observational data from observational programmes whose data products will be accessible to the successful applicant (e.g. EDisCS, VIPERS, EUCLID, and other programmes in which members of the Trieste Observatory are involved). Additional information and enquiries about the scientific project can be addressed to Gabriella De Lucia: [delucia\(at\)oats.inaf.it](mailto:delucia(at)oats.inaf.it)

Overview

Fellowship policy

1. Eligibility: Candidates should have obtained a Ph.D. in physics, astronomy, or equivalent degree by the time of starting the position. Previous experience with theoretical models of galaxy formation and/or simulations, as well as familiarity with observational data analysis will be an advantage.

2. Host institution: The Trieste Astronomical Observatory is one of the twenty research institutes of the Italian National Institute for Astrophysics (INAF- www.inaf.it), and is one of the oldest Italian observatories. Research fields at INAF-OATs range from the study of stars and galaxies to cosmology, including fundamental, high-energy physics, astrobiology, as well as a number of technology projects that are mainly focused on instrumentation for some of the largest existing and future ground-based and space telescopes (e.g. the ESO Very Large Telescope; ALMA – the Atacama Millimeter Array; the E-ELT – European Extremely Large Telescope; the PLANCK and EUCLID satellites). Further information about current areas of interest at INAF-OATs can be found at: http://www.oats.inaf.it/astro/laricerca_prog_en.html. The area of Trieste offers a rich scientific environment, which includes the University of Trieste and Udine, SISSA, INFN, and ICTP. It also offers good computer facilities and access to supercomputer resources. INAF-OATs is an Affirmative Action Institution. Women, Minorities and individuals with disabilities are encouraged to apply.

3. Salary and duration of the fellowship: The gross annual salary will be 38,000 EUR, and will be paid in monthly deferred installments (with deductions according to the Italian law if applicable). Travel funds and a contribution towards relocation costs will be available. No additional salary, or other remuneration may be accepted from any other appointment (such as teaching), fellowship, or similar grant during the duration of this fellowship. The appointment is for two years, with a likely extension depending on funding availability and performance.

Application procedure

Candidates should send their application, by registered mail or express courier to:

INAF-OATS Post-Doc Fellowship – De Lucia
c/o INAF-Osservatorio Astronomico di Trieste
via G.B. Tiepolo, 11
34143 Trieste, Italy

no later than November 15th, 2010. In addition, a copy of the application should be sent by e-mail to the address [delucia\(at\)oats.inaf.it](mailto:delucia(at)oats.inaf.it). Additional information and enquiries can be addressed to Gabriella De Lucia: [delucia\(at\)oats.inaf.it](mailto:delucia(at)oats.inaf.it)

Applications should include the following documentation:

- the application form (see attachment n.2);
- a curriculum vitae;
- a list of publications;
- a statement of research.

In addition, applicants should arrange for two letters of reference to be sent by November 15th, 2010 to [delucia\(at\)oats.inaf.it](mailto:delucia(at)oats.inaf.it).

Selection and award of the fellowship

A committee, appointed by the Director of INAF-OATs, will evaluate the applications and decide on a ranked list. The list will be approved by the Director and made public on the web-page of the Observatory. The committee will consider, in particular:

- the CV and research experience of the candidates;
- their publications and statement of research;
- the reference letters

When the selection process will be completed, the successful candidate will be notified. He/She will have to confirm the acceptance of the fellowship by e-mail to [delucia\(at\)oats.inaf.it](mailto:delucia(at)oats.inaf.it), or by registered mail or express courier. In case of declination of the fellowship, the grant will be offered to another candidate.

The fellowship can start as early as March 1st, 2011.

Non EU fellows will need to apply for an Italian VISA sponsored by the host structure.

SCHEMA DI DOMANDA PER LA PARTECIPAZIONE AL CONCORSO/APPLICATION FORM

Al Direttore/*To the Director of*
INAF – Osservatorio Astronomico di Trieste
Via Tiepolo, 11
34143 Trieste

Rif.: Bando di concorso per 1 borsa di studio post-dottorato “INAF-OATS ERC-De Lucia”
Ref.: 1 Post-doctoral fellowship “INAF-OATS ERC-De Lucia”

.... sottoscritt... (cognome)(nome)

The undersigned (Surname) (Forename(s)).....

nat... a Prov. il

Place of birth (Town/State).....
date of birth (dd/mm/yyyy).....

residente in Prov. indirizzo.....

permantent residence address: (number/street/Town or city/postal code/ Country)

codicefiscale

Italian fiscal code number (if available)

chiede di essere ammesso al concorso per l'attribuzione di una borsa di studio post-dottorato, da usufruirsi presso l'Osservatorio Astronomico di Trieste.

hereby applies for the selection to the appointment to one post-doctoral fellowship at the Astronomical Observatory of Trieste.

A tal fine dichiara, sotto la propria responsabilità:

Under his/her own responsibility the undersigned declares:

- di essere cittadino del Paese
- his/her nationality is:

- di non aver riportato condanne penali (in caso contrario precisare di quali condanne si tratti)
- not to be under any penal sentence (if liable, please specify)

- di trovarsi, nei riguardi degli obblighi militari di leva, nella seguente posizione:
- compulsory military service (liable/not liable).....

- di essere in possesso del titolo di dottore di ricerca in.....
conseguito ilpresso l'Università di

Titolo della tesi
- to hold a doctoral degree in the field:
Date of award: University:.....
.....
Title of the thesis:

- di essere in possesso del diploma di laurea in.....
conseguito il presso l'Università
con la seguente votazione /
- to hold a lower degree in
date of award University:
.....
classification (if applicable):

Allega la seguente documentazione:

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The following documents are attached:

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Desidera che tutte le comunicazioni riguardanti il concorso le/gli siano inviate al seguente indirizzo:

Via.....
Città Prov. CAP
Tel. e-mail

Contact address concerning the fellowship application:

Street..... number.....
Town/city..... County/Province..... Postal code.....
Country Phone number.
e-mail

Luogo e data/Place and date

Firma/Signature

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