

# AstroFlt Astronomy Fellowship in Italy

**FP-7** Grant Agreement n. 267251

G. Micela Scientific Coordinator





INAF <u>co-funded</u> programme to promote the international mobility of young astronomers (at post-doc level) in the field of Astrophysics

### Two actions:

- Incoming Mobility for non-resident in Italy
- Re-integration for italian having worked in a third country for at least 3 years





- A total duration of 48 months starting from Nov 1<sup>st</sup> 2011
- Two calls for seven 2-year fellowships each (November 2011 – October 2012)
- the first fellowships started Dec. 1st 2012
- Today all the 14 fellowships are started



## Management



- A Board: supervision of the correct implementation of the program
  - P. Malaguti, (delegated by INAF Scientific Director)
  - C. Guccione (administrative expert)
  - G. Micela (scientific coordinator)
  - F. Palla (scientific expert)
- INAF International Relation office: Financial and Administrative management
  - A. Scaffidi (responsible)
  - C. Guccione
  - G. Maracchia
- Scientific supervision
  - Individual local supervisor One for each fellow



The fellow can freely choose the subject of her/him Project and the INAF research host

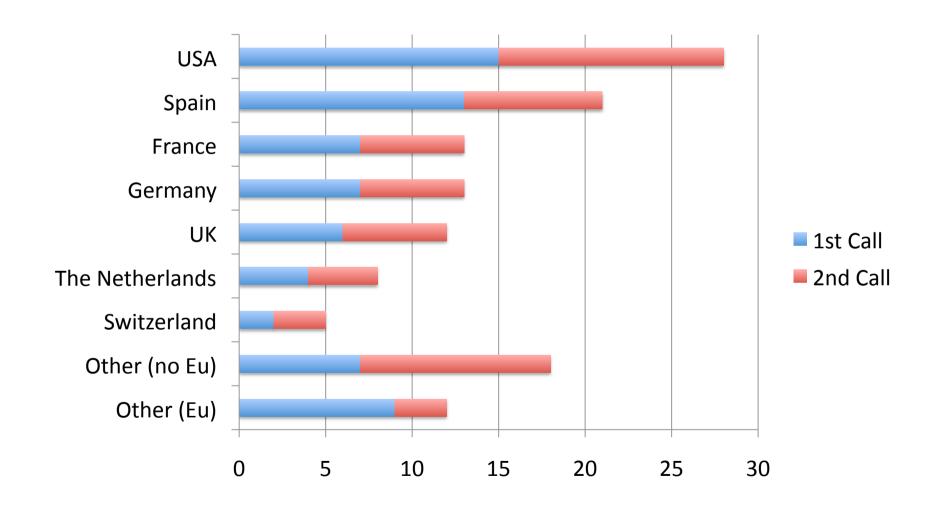
The projects fit with INAF research activities:

- 1) Galaxies and Cosmology
- 2) Stars, Stellar Populations and Interstellar medium
- 3) Sun and Solar System
- 4) Relativistic and Particle Astrophysics
- 5) Advanced Technology and Instruments

## Astro 150 Applications in two calls astroned ast

- 1<sup>st</sup> call (1/12/2011): 70 applications
- 2<sup>nd</sup> call (15/10/2012): 60 applications
- Numbers comparable with the total number of non-permanent staff positions of INAF and about 30% of the number of post-doc in INAF.
- Applications were received from over 20 countries, from all continents.

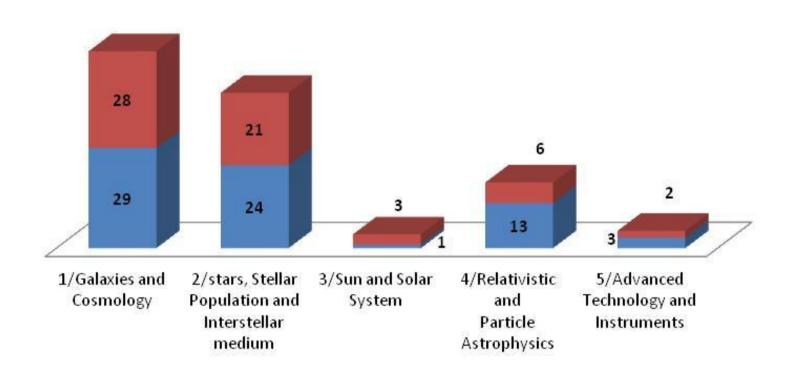
# Astro Fit Distribution of country of origin







## **Scientific Areas**





- Appointment of a selection committee (one for each call) as in Annex I (balanced in gender and country of origin)
- Individual remote evaluation
- Management of conflicts of interest
- Final face-to-face consensus meeting
- Final qualified ranked list for each action
- Summary report to each candidate







## Fellow activities



- Annual national meeting
- International meeting participation
- Seminars
- Papers on proceeding and international peer reviewed journals
- Participation to the communication and educational activities of the institute
- Italian course (for the foreign fellows)



## Web site



- The AstroFIt Web site (<u>www.astrofit.inaf.it</u>) is an important tool to manage the programme
- Presentation of the program
- Advertisement of the calls
- Instructions, information, forms, submission rules, call outcomes
- FAQs, Helpdesk
- Events
- Fellow activities and scientific results



#### AstroFit - Astronomy Fellowships in Italy

AstroFIt is a co-funded project by the <u>Marie Curie Actions</u> of the <u>Seventh Framework Programme</u> of the European Commission (FP7) and <u>INAF</u>, the Italian National Institute for Astrophysics.

AstroFIt aims at recruiting talented and experienced researchers that have carried out research in other countries. Incoming and Re-integration mobility are supported. AstroFIt offers the chance to gain experience at INAF structures for a period of two years in the following sectors: galaxies and cosmology; stars, stellar population and interstellar medium; sun and solar system; relativistic and particle astrophysics; advanced technology and instrumention.

AstroFIt supports career development plans, with training provided also for non-scientific and complementary skills.

Read more...

#### INAF - Istituto Nazionale di Astrofisica

The National Institute for Astrophysics (Istituto Nazionale di Astrofisica – INAF) is the Italian public research organization that promotes, performs and coordinates astrophysics and astronomy research in Italy and cooperates with universities and other national and international organizations. INAF has approximately 1000 permanent staff, about 600 are researchers, plus more than 500 postdoctoral, graduate students, fellows and collaborators are involved in INAF research activities.

INAF is articulated into 17 research structures distributed all over the country, plus a number of observing



#### 2nd call RESULTS

Read more...

### 1st fellows' Annual meeting

The 1st AstroFIt fellows'
Annual meeting will take
place in Bologna during the
57th meeting of the
Italian Astronomical
Society (SAIt) on May 9th
2013.

2nd call: 60 applications received

Read more...

1st Call RESULTS

Read more...



### Some remarks



- The two foreseen calls have been issued and all the fellowships have started
- The number and quality of applications was higher than expected

## From the final report of the second selection committee (Rome 23/04/2013):

The pannellists were impressed by the spread of the topics proposed, and the high quality of the projects submitted. The candidates are a mix of italian and international scientists. Many of them have several years of postdoctoral experience and a remarkable CV. The panel has regretted to hear that this initiative will not be repeated regularly, this scheme is a clearly successful path to attract more young talented scientists in Italy. Moreover, should a similar initiative be reconsidered in the future, the panel advises to consider three rather than two years for the fellowship.



- A new unsuccessful 2013 AstroFIt II proposal was submitted
- We will apply again at the next opportunity but, even in case of success, a temporal gap will occur
- INAF should cover, at least partially, such gap with own resources.



## Other Remarks



- Successful initiative: many qualified applications
   BUT
- Fellows on diverse topics and abroad in Italy
- What is the added value of a European Co-funded action?

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- The action is significantly co-funded by INAF and requires a significant effort for management (much more than 14 individual fellows).
- Is it worth to repeat the experiment?

