europass

Gabriele Bruni

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CONTACT

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WORK EXPERIENCE

2017 – CURRENT – Rome, Italy

Post-Doc researcher

INAF - Institute for Space Astrophysics and Planetology

- Member of the GRAL research group (Gamma-Radio Astrophysical Lab, http://gral.iaps.inaf.it)
- Member of the GW-Italy research group for the EM follow-up of di GW events
- Responsible for radio observations (from proposal to analysis) as counterparts of the INTEGRAL mission source catalogue for the Italian working group
- Local responsible for radio follow-up of transient events (GRB, FRB) in the research group led by L. Piro.

2013 – 2017 – Bonn, Germany

Post-Doc researcher

Max Planck Institute for Radio Astronomy

- Member of the VLBI group led by A. Zensus
- Responsible for correlation, data processing and quality assessment for three key science projects on AGN of the RadioAstron mission
- Membro of the aforementioned AGN key science projects of the RadioAstron mission

2012 – 2013 – Granada, Spain

Post-Doc researcher

IRAM - Institute for Millimetre Radio Astronomy

- Member of the "Astronomy" and "Science Operations" groups
- Bolometer Pool Manager: responsible for scheduling and data quality assessment of the GISMO bolometer. Support activity for visiting observers of the Pico Veleta 30m single dish.
- Contribution to the commissioning and scientific validation of the GISMO bolometer

EDUCATION AND TRAINING

2009 – 2012 – Bologna, Italy

PhD in Astronomy (Joint PhD program between Italy and Spain, "Doctor Europaeus")

University of Bologna and University of Cantabria

The PhD was based at INAF - Institute for Radio Astronomy, and the research project included observations with several world-class radio telescopes (VLA, VLBA, EVN, Effelsberg, IRAM), plus optical ones (WHT, TNG).

"Origin and Nature of Radio-Loud Broad Absorption Line Quasars"

2005 – 2008 – Turin, Italy

Master Degree in Astrophysics and Cosmic Physics

University of Turin

The Master thesis was focused on the algorithm development and data analysis of the first 100 days of observations of the ARGO-YBJ detector. The main result was the first detection and image at TeV energies of the Crab Nebula for the experiment.

110/110 | Revelation of Gamma-ray sources with the ARGO-YBJ detector

2000 – 2005 – Turin, Italy

Bachelor Degree in Physics

University of Turin

LANGUAGE SKILLS

MOTHER TONGUE(S): Italian

OTHER LANGUAGE(S):

English

Listening	Reading	Spoken production	Spoken interaction	Writing
C2	C2	C2	C2	C1

Spanish

Listening	Reading	Spoken production	Spoken interaction	Writing
B2	B2	B2	B2	B1

DIGITAL SKILLS

AIPS / CASA / DIFMAP / Python / Linux / LaTeX / Numpy / Pandas / Matplotlib