

PERSONAL INFORMATION

Riccardo Gualtieri



Sex Male | Date of birth 11/11/1983 | Nationality Italian

PREFERRED JOB

Researcher / Cosmology, Astrophysics

WORK EXPERIENCE

01/11/2012 – Present

Phd. Student

PhD student in Astronomy Astrophysics and Space Science at La Sapienza, Rome. Observational Cosmology. CMB anisotropies and polarization. Research activity with the Cosmology group G31, led by professor Paolo de Bernardis, La Sapienza department of physics, Rome. I'm working for the OLIMPO and LSPE collaborations, in particular my job consists on the TES detectors and SQUID amplifiers calibration, multimode millimetric horns characterization.

EDUCATION AND TRAINING

02/11/2002 – 25/10/2012

Master of Science in Astronomy and Astrophysics. Bachelor degree in Physics and Astrophysics. sixth (Censis/Repubblica)

Department of Physics, La Sapienza, Roma,

Laurea Specialistica in Astronomia ed Astrofisica, 110/110 cum laude.

Thesis title: TES detectors and SQUID amplifiers for balloon borne cosmology.

Laurea Triennale in Fisica ed Astrofisica, 107/110.

Thesis title: Misure di Polarizzazione del Fondo Cosmico a Microonde. (Polarization measurements of the Cosmic Microwave Background)

Astronomy and Astrophysics. / Cryogenics. Electronics. Software development, C, C++, Fortran, IDL, LabView, Python

14 April 2013 – 19 April 2013

Exploiting the Herschel and Planck data

International Young Astronomers School - Observatoire de Paris, Sevres, Paris (France)

PhD school

PERSONAL SKILLS

Mother tongue(s)

Italian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
French	B2	B2	B2	B2	B2

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2: Proficient user
Common European Framework of Reference for Languages

Communication skills Great team capacity. Team sports practiced: volley, soccer, basket ball, alpine sky and tennis.

Organisational / managerial skills Working in group is the natural expression of the work in a research group.
The capacity of problem solving and team leading was acquired both in university and laboratories.

Job-related skills Advanced technical abilities in cryogenics, electronics and mechanics.

Computer skills Advanced software programming and hardware interfaces development. Languages: C, C++, Python, IDL, LabView, Fortran.

Other skills Open Water Diver Professional level in playing guitar.
Dilectantistic drawing skill and photographer.

Driving licence A, B