

Roberto Buonanno

Curriculum Vitae

PERSONAL INFORMATION

First Name, Surname	Roberto Buonanno
Address	Department of Physics, University of Rome "Tor Vergata", Via della Ricerca Scientifica 1, 00133 Rome, Italy
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E-mail	Roberto.Buonanno@roma2.infn.it
Place and date of birth	Rome 24-8-1947

PRESENT POSITION

Full Professor of Astronomy&Astrophysics – University of Rome "Tor Vergata"

VISITING PROFESSOR AND SEMINARS ABROAD

Yale, USA; ESO, Germany; ESO, Chile; Kaptein Sterrenwacht, Netherlands; Institute of Astronomy, UK; Center for Astrophysics, USA; University of British Columbia, Canada; Pulkovo Observatory, Russia; Max-Plank Inst. fur Astroph., Germany; SUNY, USA; Universidad de Granada, Spain; IUE, Spain; Un. of Santa Cruz, USA.

ACTIVITY

Main target	Study of resolved stellar systems to estimate parameters of cosmological interest.
Outcomes (technical)	Developed an original photometric package, named ROMAFOT, implemented into the ESO standard reduction package. Presently developing the software to deal with blended spectra from the ESA mission, GAIA.
Outcomes (scientific)	<ul style="list-style-type: none">- estimate of the ages of globular clusters- estimate of primordial He content in old stellar systems- empirical evidence of the existence of young galactic globular clusters- empirical evidence that nearby galaxies underwent peculiar chemical histories- estimate of the amount of dark matter in nearby dwarf galaxies.- suggestions on the origin of Horizontal Branch morphologies of globular clusters.- properties of the stellar populations in the local Universe.
Organisational charges	1984-1995 Person in charge for the National Group of Astronomy (Rome Research Unit) 1987-1993 Member of the National Astronomical Research Council (CRA) 1992-2000 V. President of the Italian Astronomical Society 1995-2001 Member of the Naples and Teramo Astronomical Observatory Boards 1996-2001 V. President of the National Consortium of Astronomical Observatories (CNAA)

Appointments	<p>1992-2005 Director of the Rome Astronomical Observatory. 2000-2005 President of the Regional Centre for Solar Variability 2000-2008 Chair of the PhD course in Astronomy at the Un. of Rome “Tor Vergata” 2008-today President of the Italian Astronomical Society 2012-today Director of the Teramo Astronomical Observatory</p> <p>1988 Member of the Columbus Project Steering Committee 1988 Member of the Galileo Project Steering Committee 1991 Member of the ESO-ECF HST Users Committee 2003 Member of the ESO Visiting Committee 2003 President of the Solar Variability Centre of Regione Lazio (CVS) 2005 Member of the Padua University Visiting Committee 2006 Chairman of the ESO Visiting Committee 2006 Senior Scientist at ASI Data Center 2007 Member of the National Committee for the celebration of the Galilean Year 2009 Member of the evaluation Committee of the PhD- Un. of Padua 2009 Member of the Scientific Committee Exhibition “Astrum 2009”- Musei Vaticani 2009 Member of the Scientific Committee Exhibition “Astri e Particelle”, Palazzo dei Congressi, Roma 2009 Coordinator European Program ERASMUS MUNDUS Master Course in Astronomy 2011 Editorial Board of ISRN <i>Astronomy and Astrophysics</i></p>
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REFEREED PUBLICATIONS

About 250
List at http://cdsads.u-strasbg.fr/abstract_service.html

BOOKS

R. Buonanno, 2007, *Il cielo sopra Roma: i luoghi dell’astronomia*, Springer ed.
R. Buonanno e al. 2009, *Astronomia ieri e oggi: il viaggio dell’uomo lungo le mappe celesti*, Ministero dell’Istruzione della Università e della Ricerca, Edicit.
R. Buonanno, 2010, *La fine dei cieli di cristallo. L’Astronomia al bivio del '600*. MILANO: Springer Verlag Italia, p. 1-203, ISBN: 978-88-470-1497-8, doi: 10.1007/978-88-470-1498-5

REFEREE ACTIVITY

As for Journals: Ap J., A J., A & A, MNRAS.
As for Institutions and Universities: Cerro Tololo Inter-American Observatory, Natural Sciences and Engineering Council of Canada, Rijksuniversiteit Groningen, ASI, MIUR-COFIN, Padua University, Cassa Risparmio Rovigo, Regione Piemonte.