



Prof. Dr. Gustavo E. Romero
(* 1964)

**GARRA group leader,
Superior Researcher
CONICET, Full Professor
University of La Plata,
Helmholtz International
Fellow.**

astroparticle physics, cosmic rays, relativistic astrophysics, black holes, scientific philosophy

Current Position:

Superior Researcher, Argentine Institute for Radio Astronomy, IAR since 2014
Full Professor of Relativistic Astrophysics, University of La Plata since 2005
Helmholtz International Fellow, KIT 2017

Scientific degree:

Diploma in Physics, U La Plata 1991
Dr. rer. nat. in Physics, U La Plata 1995

Previous Positions:

Postdoctoral Researcher, CONICET 1995-1997
Postdoctoral Researcher, U São Paulo (Brazil) 1997-1998
Research Scientist, CONICET 1998-2014

Supervision:

22 master and diploma students, 16 PhD students

Publications: H-index: 50

5 selected publications from the last 5 years, out of more than 390 papers and 11 books:

M.V. del Valle, G.E. Romero, *Physical processes in bowshocks from runaway stars. Application to zeta Ophiuchi*, A&A Vol. 543, (2012) id.A56.

G.E. Romero et al., *Particle transport in magnetized media around black holes and associated radiation*, A&A Vol. 542 (2012) id.A7.

M. Reynoso, G.E. Romero, C.M. Medina, *A two-component model for the high-energy variability of blazars. Application to PKS 2155-304*, A&A Vol. 545 (2012) id.A125.

D. Pérez, G.E. Romero, S.E. Perez Bergliaffa, *Accretion disks around black holes in modified strong gravity*, A&A Vol. 551 (2013) id.A4.

Romero, G.E., M. Boettcher, S. Markoff, F. Tavecchio, *Relativistic Jets in Active Galactic Nuclei and Microquasars*, Space Sci. Rev., **207**, 5-61.