

Oscar Straniero. Curriculum

Present position: Dirigente di Ricerca Italian National Institute of Astrophysics.

Scientific background: Author of more than 300 publications on international journals (about 7000 citations, H-index = 44, source: NASA ADS). Since 1986, he works on physics of stellar interiors, stellar evolution and nucleosynthesis, final stages, in particular: AGB and post-AGB, white dwarfs and supernovae. Collaborates to various experiments devoted to the measure of the cross sections of nuclear processes of astrophysical interest (LUNA and ERNA projects, in particular). Principal Investigator of AMICA (Antarctic multiband Infrared Camera) mounted at the ITM telescope (Concordia base, Dom C, Antarctica).

Scientific and academic appointments: Member of the Scientific Council of the Italian National Institute for Astrophysics (INAF) (2003-2004) and Director of the Astronomical Observatory of Teramo (2005-2011). During the directorship, also coordinator of the Council of Directors of INAF. He served on various committees for the observing time allocation at international astronomical facilities, including: the OPC of the European Southern Observatory (ESO) and the CAT at the Instituto de Astrofisica de Canarias (IAC - Spain). Various academic appointments, including the course of Astrophysics at the University of L'Aquila. Currently, he is member of the Academic Board of the joint PhD in Astronomy, Astrophysics and Space Science of the "Sapienza" and "Tor Vergata" Universities in Rome. Founder and member of the board of the Azarquel school of Astronomy and Astrophysics (<http://www.azarquel-school.org>). Member of the scientific advisory committee of ESSENA, an advanced school of Experimental Nuclear Astrophysics (<https://agenda.infn.it/conferenceDisplay.py?ovw=True&confId=5302>).