

CURRICULUM VITAE ET STUDIORUM

Raffaele Gratton

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Raffaele Gratton is FULL ASTRONOMER at the Padua Astronomical Observatory. He was born in 1956 at La Plata (Argentina); he obtained his degree in Physics at Rome University in 1979. After an year at the Cerro Tololo Interamerican Observatory (USA-Chile), where he worked on abundance determination for stars in globular clusters, he obtained in 1981 a position of Astronomer at the Asiago Astronomical Observatory. At Asiago, Gratton continued his work on spectroscopic analysis, and began a long standing collaboration with Sergio Ortolani on photometry for globular clusters. In 1984 he spent some time in Texas, where he began a (still active) collaboration with Christopher Sneden on abundances in field metal-poor stars. At the end of 1984 he moved to Rome Astronomical Observatory, and finally came back to Padua as Associate Astronomer. In 1988 and 1989 he spent a couple of months at the Uppsala University (Sweden), to work on stellar atmospheres and statistical equilibrium calculations. At Padua, Gratton continued his studies on chemical composition of stars, mainly working on galactic chemical evolution and globular cluster age and evolution. He is responsible for the construction of the high resolution spectrograph for the Galileo National Telescope (TNG); this instrument is completely funded by the Astronomical Research Council, and it is now fully working at the telescope. In the last years, Gratton has also worked on extrasolar planet search, leadering the SARG radial velocity project, and with important responsibilities in the SPHERE and EPICS programs. Raffaele Gratton has published more than 400 papers (with more than 9000 citations), including more than 200 refereed papers and invited talks. He has done didactical activity (courses, thesis advisor) at La Sapienza, Padua, and Catania University, the Instituto de Astrofísica of Canary, and the National University of Rio de Janeiro. Gratton has been responsible for the Observing Facilities Management Office and Program Operative Unit of INAF. He has been member of the INAF Scientific Committee (since 2001 to 2003), of the ESO Scientific and Technical Committee (since 2003 to 2009), in the Science Working Group and E-ELT ESE committee, chair of the TAC for the Italian national telescopes TNG and LBT, and various other committees. Gratton has been national coordinator of various PRIN (PRIN MIUR 2001 and 2003, and PRIN INAF 2004 and 2009). He often acts as referee for international Journals (ApJ, A&A, MNRAS, etc.) and for Telescope Allocation Committee (HST, CTIO, ESO).