

Curriculum Vitae (1 page)

Personal data Name, Family Name: Rosario Gianluca Pizzone

Nationality: Italian

Languages (spoken & written): Italian (native speaker), English (fluent), German (elementary)

Current position May 2009-present Research Scientist at INFN-LNS Catania (permanent position)

January 2002 **PhD in Physics** (summa cum laude), University of Catania, Italy Thesis on: "Electron screening in fusion reactions"

July 1998 **Degree in Physics** (110/110 summa cum laude), University of Catania, Italy Thesis on: "Study of the $6\text{Li}(d,\alpha)4\text{He}$ reaction in the framework of the inhomogeneous Big Bang"

Career

Nov.1997-Nov.1998 Undergraduate Scholarship INFN Nov.1998-Nov.2001 PhD Studentship University of Catania, Italy

2001& 2002 Italian Physical Society Award for young Physicist's scientific production

Nov 2001-Nov. 2002 Post-doctoral Fellowship, CSFNSM, Italy

Nov 2002-Dec 2005 Post-doctoral Fellowship, INFN, Italy

Dec 2005-May2009 Tenure track at INFN LNS, Lecturer, University of Catania, Italy

May 2009- present Permanent position at INFN-LNS (research scientist)

March-April 2009 Visiting Scientist Cyclotron Institute, Texas A&M University, College Station, TX, USA

February 2011 – May 2012 Visiting Research Scientist Texas A&M University, College Station, TX, USA

2014-now HABILITATION as a full professor for Italian Universities for General Physics and for Astrophysics.

Research and Experimental Experience

Study of the lithium problem, light elements depletion in stars, primordial nucleosynthesis. Trojan Horse Method and its application to stable and unstable nuclei. Electron screening effect. Extensive experience in the application of direct and indirect approaches (Trojan Horse Method, Asymptotic Normalization Coefficient) to the study of more than 40 reactions of astrophysical relevance at national and international laboratories.

2010-2016 **LNS Responsible** for INFN of the ASFIN PROJECT (nuclear astrophysics with indirect methods).

2016- now **Spokesperson** for of the INFN ASFIN PROJECT (nuclear astrophysics with indirect methods).

PUBLICATIONS

Published 290 refereed papers in international peer-reviewed journals (ISI), being first author for 30 of these. In the NASA ADS database around 190 papers are included. h-index=46 (ISI)

Organization of meetings, conferences and schools

2001-2009 Member of the Local Organizing Committee of the European Summer school on Experimental nuclear Astrophysics

2009-present Chair of the Local Organizing Committee of the European Summer school on Experimental nuclear Astrophysics

2009-present Member of the Scientific Advisory Committee of the Russbach school on Nuclear Astrophysics

Referral Activity

2018-present Member of the Expert panel at the Research Foundation Flanders (FWO) W&T2 (Physics)

2020 – present Associate Editor for Frontiers in Astronomy and Space Science.

Referee for the ASTROPHYSICAL JOURNAL, European Journal of Physics A, APJ, EPJ Letters, Journal of Physics G.