

CURRICULUM VITAE

Ruggero Vaglio

Dipartimento di Fisica
Università di Napoli "Federico II"
Piazzale Tecchio, 80, I-80125 Napoli, Italy
Phone +390817682608
Mobile Phone 3293178740
E-mail vaglio@na.infn.it

Home :

Via A. Falcone, 292
I-80127, Napoli, Italy
Phone/Fax +390815605448

Date and place of birth : Napoli, Italy, April 26, 1950

Citizenship : Italian **Family Status :** Married, one son

Education : Doctor Degree in Physics, Summa Cum Laude, 1974, University of Napoli.

Career :

1974/77 Post-Doctoral Fellow, University of Salerno, Italy.
1977/81 Assistant Professor (Prof. Incaricato), University of Salerno.
1981/82 Visiting Researcher, Argonne National Laboratory, U.S..
1982/86 Associate Professor, University of Salerno.
1987/92 Full Professor (Structure of the Matter) ,University of Salerno.
1993/present : Full Professor (Physics), University of Napoli "Federico II".

Teaching activities:

1977/81 Professor of Experimental Physics, University of Salerno.
1982/86 Professor of Physics Laboratory, University of Salerno.
1986/92 Professor of Solid State Physics, University of Salerno.
1993/present: Professor of General Physics, Electronic Engineering, University of Napoli "Federico II".
2003/present Professor of Solid State Physics, Electronic Engineering, University of Napoli "Federico II".
Director of more than 20 PhD (Dottorato) Thesis in Physics and over 40 Laurea Thesis in Physics and Engineering.

Professional activities and Management :

1987/91 Department Director, Physics Department, University of Salerno.
1992/96 Director, National Program on Innovative Materials (Superconductors), Ministry of Research and University.
1993/2000 Director of the Engineering Section of the Physical Science Department of the University of Napoli "Federico II".
1993/2001 Director Napoli Section of the INFN and Member of the INFN Directive Council.
1996/2001 Member of the Scientific Council of three CNR Institutes (CEFSA-Trento, MASPEC-Parma, CSFBT-Genova)
1997/2001 Director, INFN Project "High Tc Superconducting Filters for Mobile Communications"

1998/2001	Member of the INFM Executive board (Genova)
2001/2004	Executive Board member , Physical Science Department of the University of Napoli “Federico II
2002/2005	President of the Regional Center “Innovative Technologies” (Napoli).
2007/present	Member of the Administration Board of the Regional Center “Innovative Technologies”
2002/2008	Director, Research and Development CNR-INFM Center “Coherentia” in Napoli
2009/2010	Member of the Executive Board, CNR-INFM , Genova
2010/2012	Director of the CNR SPIN Institute, Genova, Italy
2012/present	Member of the International Advisory Board of the CNR SPIN Institute

Projects* :

1978/1982	Director, Salerno Unit, Progetto Finalizzato CNR “Superconduttività”.
1983/1986	Responsible NATO bilateral Project Dipartimento di Fisica, Università di Salerno and University of Arizona-Tucson.
1987/1994	Director SAT Project (high Tc superconductors) Istituto Nazionale per la Fisica della Materia (INFM).
1992/1996	Director INFM, National Program on Advanced Innovative Materials (PNMIA) Ministry of University and Research
1992/1997	Director Special Project on RF Superconductivity INFN-CERN
1997/2001	Director Progetto Sud INFM "Superconducting Filters"
2000/2003	Responsible of two MURST-CIPE Projects for the development of advanced superconducting devices in the INFM Units of Napoli and Salerno
2002/2005	Scientific coordinator, POR Project on Innovative Technologies Campania Region (overall budget 25 MI euro).
2008/2010	Responsible CNR-INFM-Napoli Italy-US bilateral Project “MgB2: from microscopic mechanisms to large scale applications”.
2011/2015	Responsible for CNR-SPIN of the FIRB National Project “Nanostructured Oxides : Multi-functionality and applications”
2014/2015	Responsible for CNR-SPIN of the ENEA Contract SMARTAGS (Smart Applications for Organic Tags).

* The list only refers to Projects whose budget was over 100.000 euro/year

Research :

He pioneered the field of the Physics of the Josephson effects and its applications, especially in Voltage Standards. Starting from his stage at the Argonne National Laboratory (U.S.) he gave significant contributions to the physics and applications of new superconducting materials, including magnetic superconductors and high Tc oxide superconductors. In collaboration with CERN he has developed new materials and techniques for superconducting cavities for particle accelerators.

He is also active in the fields of transport properties (d.c. and r.f.) and tunneling spectroscopy (STM) in new materials. Recently he is also active in the field of “Oxide Electronics” and “Organic Electronics”.

Conferences, Invited talks, Editorial activities and Publications :

Over 40 invited talks in Conferences and Scientific Institutions.

Editor of Proceedings of International Conferences.

Editor of : Superconductors Science and Technology

Member of Scientific (or Organizing) Committees of numerous National and International Conferences.

Referee of many journals in the field of Solid State Physics.

Over 230 Publications in Refereed Journals, Conference Proceedings and Books