

- CURRICULUM VITAE –

PERSONAL INFORMATION

Rosalba Saija

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(MIFT) – University of Messina

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WORK EXPERIENCE AND TEACHING ACTIVITY

August 2018 – Present

Member of the Abilitazione Scientifica Nazionale Committee, SD 02/B2 – SSD FIS/03

October 2018 – Present

Coordinator of The Bachelor's and Master's degree course in Physics at the University of Messina

March 2018 – Present

Full Professor, scientific field Physics of Matter

☑ Teaching Activity

Mathematical Methods in Physics (Bachelor's Degree in Physics)

Modern Physics (Bachelor's Degree in Physics)

Electromagnetic Scattering (Master Degree in Physics)

Nano-optics (PhD School in Physics)

2011

Guest Editor JOURNAL OF QUANTITATIVE SPECTROSCOPY & RADIATIVE

TRANSFER, Volume: 113 Issue: 18 Published: DEC 2012 ISSN: 0022-4073

26-30 Sept 2011

Chair of Organization Committee of XIII International Conference on "Electromagnetic Light Scattering" (Taormina, Messina)

August 2011 – February 2018

Associate Professor, scientific field Physics of Matter

November 2011 - Present

Associate Researcher at IPCF – CNR (Research National Council)

April 2005

Editor of Volume n.6 “Light, Dust and Chemical Evolution” (Journal of Physics: Conference Series)

26-30 Settembre 2004

Chair of Organization Committee of the International Workshop on “Light, Dust and Chemical Evolution” (Gerace, Reggio Calabria)

25 March 2003

Member of Advisory and Program committee of International Workshop Dust and molecules in the interstellar medium - Observations by microwave radio astronomical techniques (Messina, 25 marzo 2003)

2003

Co-author of “Scattering from Model Nonspherical Particles. Theory and applications to Environmental Physics” Monography, Springer-Verlag, Heidelberg,

March 1983 - July 2011

Senior researcher, scientific field Physics of Matter

EDUCATION AND TRAINING

November 1988

March 1986

August/Sep 1984

Visiting researcher at US Army Edgewood Chem. Biol. Center., Aberdeen PG, Maryland (USA)

November 1980

“Laurea” in Physics, University of Messina, supervisor Prof. Ferdinando Borghese.

FUNDED RESEARCH PROJECT

From 2016

Member of Research & Mobility 2016 Project (project code RES_AND_MOB_2016_-TORRISI), University of Messina.

From 2014

Local manager of Materials, Physical and Nanosciences COST Action

MP1403 (Nanoscale Quantum Optics)

2012-2015

Member of HIPPOCRATES Research Project (PON02_00355_2964193)

2002-2006

Principal investigator of three-years project on "The Optical Properties of Aerosols. (Biological aerosols)", Department of Environment dell' U.S Army European Research Office. contract n. N622558-02-C-9040

2003 – 2005

Member of Scientific research program of relevant national interest (MIUR-COFIN) 'Effetti meccanici e biologici dell'interazione della radiazione con i grani del mezzo interstellare'.

2001- 2002

Principal Investigator del one-year research project on "Simulation of the Optical Properties of Atmospheric Aerosols in the Planetary Boundary Layer", Environmental Sciences Branch dell' U.S Army European Research Office, Contract n. N68171-01-M-5907

2000 – 2002

Member of Scientific research program of relevant national interest (MIUR-COFIN) 'Cosmic Dust and Gas (Polvere e Gas nello Spazio: connessioni e evoluzione)'.

1998 - 1999

Member of Scientific research program of relevant national interest (MIUR-COFIN) 'Dust and Molecules in astrophysical environment (Polvere e Molecole in ambiente astrofisico)'.

1984

Principal Investigator of "Optical Properties of aerosol particles", l'US Army European Research Office, contratto n. DAJA45-84-C-0005