

CURRICULUM VITAE

Dr. Rosaria Anna Puglisi (Senior Researcher, PhD)

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PROFESSIONAL EXPERIENCE

01/01/2023 – today	Senior Researcher Consiglio Nazionale delle Ricerche, Istituto per la Microelettronica e Microsistemi (CNR-IMM)
10/2021 - 11/2021	Visiting Researcher – Short term mobility CNR Program Thomas J. Watson Laboratory of Applied Physics, Prof. Harry A. Atwater, Appl. Phys. Dept. California Institute of Technology (Caltech), Pasadena, Los Angeles, Ca, USA
12/2001 – 12/2022	Research Scientist Consiglio Nazionale delle Ricerche, Istituto per la Microelettronica e Microsistemi (CNR-IMM)
02/2001 - 12/2001	Post Doc (Assegnista di ricerca) Università degli studi di Catania, Italy
09/2000 - 01/2001	Research Fellow (Contratto di collaborazione coordinata e continuativa) Istituto Nazionale di Fisica della Materia (INFN), Catania, Italy
11/1999 - 04/2000	Research Fellow (Contratto di collaborazione coordinata e continuativa) STMICROELECTRONICS, Catania, Italy

EDUCATION

10/1998 - 09/1999	Visiting Student PhD Secondment at the Thomas J. Watson Laboratory of Applied Physics, Prof. Harry A. Atwater, Appl. Phys. Dept., California Institute of Technology (Caltech), Pasadena, Los Angeles, Ca, USA
11/1996 - 10/1999	PhD in Materials Science Università degli studi di Catania, Italy
11/1990 - 07/1996	Master degree in Physics, <i>summa cum laude</i> Università degli studi di Catania, Italy

CONFERENCES ORGANIZATION

2025	Nominated as Co-Organizer of the 2025 Fall Meeting of the European Materials Research Society (E-MRS) which will take place from September 15 to 18, 2025 at the University of Technology in Warsaw (Poland)
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CONFERENCES SYMPOSIA ORGANIZATION

2019	E-MRS Fall Symposium Proposal, Materials for nanoelectronics and nanophotonics (Co-applicant, Organizer)
2021	E-MRS Fall Symposium Proposal, Nanomaterials- electronics and –photonics (Co-Applicant, Organizer)
2022	E-MRS Fall Symposium Proposal, Materials- nanoelectronics and nanophotonics (Co-Applicant, Organizer)
2023	E-MRS Fall Symposium Proposal, Smart materials for nanoelectronics and nanophotonics (Co-Applicant, Organizer)
2024	E-MRS Fall Symposium Proposal, Electronics, Photonics and Spintronics (Co-Applicant, Organizer)

EDITORIAL DUTIES

2023 – now	Beilstein Journal of Nanotechnology, “Smart nanomaterials in electronics and photonics”, Guest Editors: Prof. Yogendra Kumar Mishra, Dr. Rosaria Puglisi, CNR-IMM, Catania, Italy, Prof. Dawid Janas, Prof. Teresa Monteiro
2021 – 2022	Frontiers in Nanotechnology - Research Topic: Nanomaterials: Reviews

	Guest Editors: Bingqing Wei, Rosaria A. Puglisi, Hosting Journal/Specialty: Frontiers in Nanotechnology - section Nanomaterials
2022	"Nanomaterials—Electronics and Photonics", a special issue of Nanomaterials, MDPI, Guest Editors: Prof. Dr. Yogendra Kumar Mishra, Prof. Dr. Jost Adam, Prof. Dr. Lakshminarayana Polavarapu, Dr. Dawid Janas, Dr. Rosaria A. Puglisi.
2021 - 2022	"Innovative methods for semiconductor doping", a special issue of Micro, MDPI, Guest Editors: Dr. Rosaria A. Puglisi, Prof. Dr. Jost Adam, Dr. Ray Duffy
2020 - 2021	"Advanced Materials and Interfaces for Optoelectronic Sensors", a special issue of Sensors (ISSN 1424-8220), MDPI, Guest Editors: Prof. Dr. Jost Adam, Dr. Rosaria A. Puglisi
REVIEW AND EVALUATIONS	
2023 to now	Member of the international peer review panel "Physics, Photonics, Quantum Technologies, Energy, Astronomy, Space Technology, Aerospace Engineering" of the UFM FP UFS-FVI-Independent Research Fund Denmark, for peer reviewing research project proposals
2016 to now	Reviewer for the Italian Ministry of the economic development (MISE) for the National Programme DM 1 GIUGNO 2016 "Horizon 2020– PON 2014/2020
2016	Evaluator of the Courses of Study (CdS) for master's and bachelor's degrees in physics at the Department of Mathematical and Computer Sciences, Physical Sciences and Earth Sciences of the University of Messina - Indications of the European Community: ESG ENQA 2005/2009
2013-2015	Reviewer for the Italian Ministry of the Education, University and Research (MIUR) for the National Programmes FIRB and SIR
2001 to now	President in 3 Committees to assign Research fellowship grants. President in n. 1 Comm. to assign Post Doc grants. Comm. member in: n. 4 Comm. to assign Post Doc grants, n. 5 Comm. to assign Research fellowship grants, n. 3 Comm. to purchase scientific instruments, n. 1 Comm. to assign fellowship grants for the professional training of graduate students Comm. member; n. 9 Comm. for the provision of temporary work contracts
2017	PUBLONS Top Peer reviewer for Consiglio Nazionale delle Ricerche (CNR) (Chemical Engineering)
2001 to now	Reviewer for the following international scientific journals: Nature, MRS Bulletin, Nanotechnology, IEEE Electron Device Letters, Scientific Reports, Chemical Physics, Multidiscipline Modeling in Materials and Structures, Physica Status Solidi, The Electrochemical Society, Materials Science in Semiconductor Processing, Journal of Nanoscience and Nanotechnology, Nanomaterials
TEACHING, SUPERVISION AND EVALUATION	
2024	Guest Lecturer at the University of Kassel, Germany, on "Technology of electronic and optoelectronic devices" Academic year: 2023/24
2024	Recipient of an Erasmus+ grant for "Staff mobility for teaching purposes" from University of Kassel, Germany, Academic year: 2023/24
2024 to now	Member of the Italian Association of trainers (Associazione Italiana Formatori, AIF) registered in the official Register of Professional Trainers of the Italian Association of Trainers at no. 3076
2023	Evaluator of a PhD thesis in "MATHEMATICS, PHYSICS AND APPLICATIONS" Università degli Studi di Salerno
2022	Member (Opponent) of the Doctoral Examination Committee at the University of Oslo
2017 to now	Member of the Professors Board (<i>Collegio Docenti</i>) of the PhD in Physics at the University of Messina
2015	Teaching activity 40 hours, tutoring activity: 144 hours, on 'Electrical characterization of planar and nanostructured semiconductors and metals', project POR Sicilia FSE 2007-2013
2014	Teaching activity 12 hours on 'Micro and nanostructured materials for solar cells: nanowires, nanodots semiconductors, metal nanodots'. PON02-00355-3391233, "Tecnologie per l'energia e l'efficienza energetica, ENERGETIC"
2013	Teaching activity 30 hours on 'Synthesis and electro-optical characterization of nanostructures' PLAST_ICs" Progetto PON 02_00355_3416798/F1-CUP Formazione B68J12000220007.
2002 to now	Main- and co-supervisor of: 5 PhD thesis in Materials Science

4 PhD thesis in Physics (one ongoing)
2 Master Thesis in Electronic Engineering
1 Master Thesis in Microelectronics Engineering
1 Master Thesis in Physics
1 Bachelor Thesis in Chemistry
(University of Catania and University of Messina)

INVITED TALKS

1999 to now 11 Invited lectures at international scientific conferences (MRS, EMRS, IEEE), 3 Keynotes, 1 Award lecture

ACADEMIC ADMINISTRATION AND COMUNICATION

2023 to now Reference person for CNR-IMM, Catania site, for the technological area "Synthesis & Micro-Nano-Fabrication"
2022 to now Local Chair for the Physics and Chemistry of Advanced Materials (PCAM) European Doctorate
2022 to now CNR Equality Committee member (Comitato Unico di Garanzia)
2020 to now Coordinator of the Sicilian Science Cluster (SSC), composed of CNR-IMM, University of Catania, University of Messina for the organization of the PhD students' activities inside PCAM
2018 - 2020 Coordinator for the IMM Headquarters in Catania for the Technological Thematic Area "Synthesis of advanced materials"
2017 to now Creator and coordinator of the STEM Women in Science (STEM-WiS™) project, on scientific communication and gender parity: <https://hq.imm.cnr.it/womeninscience>

LICENCES AND CERTIFICATIONS

September 2024 LEVEL C2 - EF Standard English Test (EF SET) English Certificate - Score: 76/100