

CURRICULUM VITAE



PERSONAL INFORMATION

Name **CARIDI, FRANCESCO**
E-mail **fcaridi@unime.it**
Nationality Italian
Birth 12/03/1980

WORK EXPERIENCES

12/29/2020-today

Institute University of Messina – MIFT Department
Viale F. Stagno d'Alcontres, 31 – 98166 – Messina
Work activity Assistant Professor

07/01/2014-12/28/2020

Institute Agency for Environmental Protection of Calabria (ArpaCal) – Department of
Reggio Calabria
Via Troncovito snc – 89135 – Reggio Calabria, Italy
Work activity PhD Research Scientist

Academic year 2020-2021

Institute Saint Camillus International University of Health Sciences (UniCamillus)
Via di Sant'Alessandro, 8 – 00131 Roma
Work activity Adjunct professor of Applied Physics

Academic year 2019-2020

Institute University of Messina-Department of Human Pathology "G. Barresi"
Via Consolare Valeria, 1 – 98125 – Messina
Work activity Adjunct professor of Applied Physics

Academic year 2018-2019

Institute University of Messina-Department of Veterinary Science
SS Annunziata – 98166 – Messina
Work activity Adjunct professor of Applied Physics

Academic year 2016-2017

Institute University of Messina
Viale F. Stagno d'Alcontres, 31 – 98166 – Messina
Work activity Teaching in the project "Scientific Degrees – Physics"

Academic year 2014-2015

Institute University of Messina
Viale F. Stagno d'Alcontres, 31 – 98166 – Messina
Work activity Lecturer of Applied Physics in the Master "Forensic Geology"

10/01/2012-06/30/2014

Institute University of Messina – Department of Physics and Science of the Earth
Viale F. Stagno d'Alcontres, 31 – 98166 – Messina
Work activity Expert Physicist

Academic year 2013-2014

Institute University of Messina
Viale F. Stagno d'Alcontres, 31 – 98166 – Messina
Work activity Teaching in the course "Laboratory 1B", Physics degree

Academic year 2013-2014

Institute University of Messina
Viale F. Stagno d'Alcontres, 31 – 98166 – Messina
Work activity Teaching in the course "Experiments of Physics", Mathematics degree

Academic year 2013-2014

Institute

University of Messina

Viale F. Stagno d'Alcontres, 31 – 98166 – Messina

Work activity

Teaching in the project “Scientific Degrees – Physics”

Academic year 2013-2014

Institute

University of Messina

Viale F. Stagno d'Alcontres, 31 – 98166 – Messina

Work activity

Teaching in the course “Preparation of physics experimental activities”,
Mathematics degree**Academic year 2013-2014**

Institute

University of Messina

Viale F. Stagno d'Alcontres, 31 – 98166 – Messina

Work activity

Teaching in the course “Physics 3 with laboratory”, Physics degree

Academic year 2012-2013

Institute

University of Messina

Viale F. Stagno d'Alcontres, 31 – 98166 – Messina

Work activity

Teaching in the project “Scientific Degrees – Physics”

Academic year 2012-2013

Institute

University of Messina

Viale F. Stagno d'Alcontres, 31 – 98166 – Messina

Work activity

Teaching in the course “Physics 3 with laboratory”, Physics degree

Academic year 2012-2013

Institute

University of Messina

Viale F. Stagno d'Alcontres, 31 – 98166 – Messina

Work activity

Teaching in the course “Preparation of physics experimental activities”,
Mathematics degree**Academic year 2011-2012**

Institute

University of Messina

Viale F. Stagno d'Alcontres, 31 – 98166 – Messina

Work activity

Teaching in the course “Physics”, Informatics degree

Academic year 2011-2012

Institute

University of Messina

Viale F. Stagno d'Alcontres, 31 – 98166 – Messina

Work activity

Teaching in the course “Physics”, Environmental Science degree

Academic year 2011-2012

Institute

University of Messina

Viale F. Stagno d'Alcontres, 31 – 98166 – Messina

Work activity

Teaching in the project “Scientific Degrees – Physics”

Academic year 2010-2011

Institute

University of Messina

Viale F. Stagno d'Alcontres, 31 – 98166 – Messina

Work activity

Teaching in the project “Scientific Degrees – Physics”

Academic year 2009-2010

Institute

University of Messina

Viale F. Stagno d'Alcontres, 31 – 98166 – Messina

Work activity

Teaching in the project “Scientific Degrees – Physics”

12/30/2008-09/30/2012

Institute

University of Messina – Science MM. FF. NN. Faculty

Viale F. Stagno d'Alcontres, 31 – 98166 – Messina

Work activity

Expert Physicist

Academic year 2007-2008

Institute University of Messina
Viale F. Stagno d'Alcontres, 31 – 98166 – Messina
Work activity Teaching in the project “Scientific Degrees – Physics”

07/02/2007 – 12/29/2008

Institutes University of Messina
Viale F. Stagno d'Alcontres, 31 – 98166 – Messina
Italian Institute of Nuclear Physics (INFN) – National Laboratory of the South (LNS)
Via S. Sofia 64, 95125 Catania
Work activity Research Assistant in the Project “Non-equilibrium plasmas generated by pulsed laser ablation”

Academic year 2006-2007

Institute University of Messina
Viale F. Stagno d'Alcontres, 31 – 98166 – Messina
Work activity Teaching in the project “Scientific Degrees – Physics”

Academic year 2004-2005

Institute University of Messina
Viale F. Stagno d'Alcontres, 31 – 98166 – Messina
Work activity Teaching in the course “Laboratory 2B”, Physics degree

11/01/2003 – 10/31/2006

Institute University of Messina
Viale F. Stagno d'Alcontres, 31 – 98166 – Messina
Work activity PhD student in Physics
Research projects PLAIA (Pulsed Laser Ablation for Ion Acceleration) and PLATONE (Pulsed Laser Ablation for Transient Obtainable Electric field) of the Italian Institute of Nuclear Physics (INFN).

EDUCATION

| | | |
|-------------------|---------------|--|
| 01/25/2022 | Institute | Italian MIUR (Ministero dell'Istruzione, dell'Università e della Ricerca) Via Michele Carcani, 61 - 00153 Roma |
| | Qualification | Italian National Scientific Abilitation for the position of University Full Professor, SC 02/D1-SSD FIS/07 (Applied Physics) |
| 07/06/2020 | Institute | Italian MIUR (Ministero dell'Istruzione, dell'Università e della Ricerca) Via Michele Carcani, 61 - 00153 Roma |
| | Qualification | Italian National Scientific Abilitation for the position of University Full Professor, SC 02/B1-SSD FIS/01 (Experimental Physics) |
| 03/27/2020 | Institute | University "Niccolò Cusano" Via Don Carlo Gnocchi, 3 – 00166 - Roma |
| | Qualification | Master in Environmental Law and Land Protection (II level) |
| 05/15/2019 | Institute | Italian MIUR Via Michele Carcani, 61 - 00153 Roma |
| | Qualification | Italian National Scientific Abilitation for the position of University Associate Professor, SC 02/B1-SSD FIS/01 (Experimental Physics) |
| 03/07/2018 | Institute | University "Guglielmo Marconi" Via Plinio, 44 – 00193 Roma |
| | Qualification | Master in Forensic Sciences (II level) cum laude |
| 03/01/2018 | Institute | ELI-Beamlines, Institute of Physics, ASCR Na Slovance, 2, 18221 Prague 8, Czech Republic |
| | Qualification | Scientific research relationship in the framework of Experimental Programs |
| 04/04/2017 | Institute | Italian MIUR (Ministero dell'Istruzione, dell'Università e della Ricerca) Via Michele Carcani, 61 - 00153 Roma |
| | Qualification | Italian National Scientific Abilitation for the position of University Associate Professor, SC 02/D1-SSD FIS/07 (Applied Physics) |
| 11/23/2015 | Institute | University "Guglielmo Marconi" Via Plinio, 44 – 00193 Roma |
| | Qualification | Master in Science of the Public Administration (II level) |
| 11/29/2014 | Institute | Project Management Italian Institute (ISIPM) Via Vallombrosa 47/a - 00135 - Roma |
| | Qualification | Certification ISIPM-Base (N. 4292) |
| 12/14/2011 | Institute | Informatics Italian Association (AICA) |
| | Qualification | ECDL – Computing sheet - Advanced level |
| 12/14/2011 | Institute | Informatics Italian Association (AICA) |
| | Qualification | ECDL – Presentation instruments - Advanced level |
| 11/02/2011 | Institute | Informatics Italian Association (AICA) |
| | Qualification | ECDL – Texts elaboration - Advanced level |
| 03/03/2009 | Institute | University of Messina Viale F. Stagno d'Alcontres, 31 – 98166 – Messina |
| | Qualification | First classified for a two years post-PhD research activity |

03/10-16/2008

Institute Italian Institute of Nuclear Physics (INFN) – National Laboratory of the South (LNS)
Via S. Sofia 64, 95125 Catania

Main activity Active participation on invitation to a scientific-experimental national collaboration aimed at the characterization of mono and polycrystalline diamond detectors for ions through the use of ion beams of high energy and charge state produced by a tandem particle accelerator

20/02/2007

Institute University of Messina
Viale F. Stagno d'Alcontres, 31 – 98166 – Messina

Qualification PhD in Physics, excellent

04/11/2005-05/13/2005

Institute Institute of Plasma Physics and Laser Microfusion (IPPLM).
23 Hery Str., 01-497 Warsaw, Poland.

Main activity Active participation on invitation to a scientific-experimental national collaboration aimed at the plasma ions detection and implantation, EURATOM and SEMINANO research projects.

04/28/2004

Institute Informatics Italian Association (AICA)
Qualification ECDL core level

07/28/2003

Institute University of Messina
Viale F. Stagno d'Alcontres, 31 – 98166 – Messina

Qualification Degree in Physics (Nuclear and Subnuclear), 110/110 cum laude

JULY 1998

Institute Scientific secondary school "A. Volta", Reggio Calabria
Qualification Scientific diploma, 60/60

SCIENTIFIC AWARDS

- 11/13/2010** "Anassilaos award for scientific research, 2010"
Auditorium "N. Calipari", Reggio Calabria, Italy
- 07/23/2008** "Best young researchers award"
University of Messina, Italy
- 09/22/2006** "Author of the best oral contribution"
6th International Workshop and Summer School: "Towards Fusion Energy - Plasma Physics, Diagnostics, Spin-offs", Kudowa Zdroj, Polonia

SCIENTIFIC SCHOOLS

- 09/18-22/2006** 6th International Workshop and Summer School: "Towards Fusion Energy - Plasma Physics, Diagnostics, Spin-offs", Kudowa Zdroj, Polonia

RESEARCH ACTIVITIES PARTICIPATION AND DIRECTION

- 2023-today** Principal Investigator of the "ATHENA - A novel approach Towards the management of building materials of particular Historical-artistic interest: assessment of the radon Exhalation and the radiological risk due to Natural radioActivity content" research project, PRIN 2022 PNRR, funded by the European Union-Next Generation EU
- 2023-today** Participation at the Research activities in the framework of the "FINI - Future challenges in management of recurrent/resistant Infection: development of antimicrobial Nanoparticulate systems and physical-chemical investigation of their Interactions with biofilm-associated infection" research project, PRIN 2022
- 2021-today** Participation at the Research activities of the Applied Physics Group, University of Messina, MIFT Department
- 2020** Direction of the Research activities in the framework of the Scientific Collaboration between Agency for Environmental Protection of Calabria and University of Reggio Calabria- Department of Agrarian
- 2017-2020** Direction of the Research activities in the framework of the Scientific Collaboration between Agency for Environmental Protection of Calabria and University of Reggio Calabria- Department of Engineering DIIES
- 2016-2020** Direction of the Research activities in the framework of the Scientific Collaboration between Agency for Environmental Protection of Calabria and University of Reggio Calabria- Department of Engineering DICEAM
- 2015-2018** Direction of the Research activities in the framework of the Scientific Collaboration between Agency for Environmental Protection of Calabria and University of Messina- Department of Physics and Science of the Earth

**INTERNATIONAL JOURNALS'
EDITORIAL BOARD MEMBER**

1. Applied Sciences (MDPI)
<https://www.mdpi.com/journal/applsci>
2. Current Nutrition and Food Science (Bentham Science Ed.)
<https://benthamscience.com/journals/current-nutrition-and-food-science/>
3. Materials (MDPI)
<https://www.mdpi.com/journal/materials>
4. Cogent Physics (Taylor & Francis Group)
https://www.cogentoa.com/journal/physics?utm_source=adestra&utm_medium=email&utm_campaign=J17045720
5. International Journal of Environmental Research and Public Health (MDPI)
<https://www.mdpi.com/journal/ijerph>
6. Springer Nature Applied Sciences (Springer)
<https://www.springer.com/engineering/journal/42452>

Executive Guest Editor:

1. Education Sciences (MDPI Publisher, thematic issue "Innovation and Challenges in Teaching and Learning Applied Sciences")
2. Gels (MDPI Publisher, thematic issues "Advances in Xerogels: from Design to Applications", first and second editions)
3. Current Nutrition and Food Science (Bentham Science Ed.) (thematic issue "Multi-element analyses and chemical-physical investigations of food samples")
4. Materials (MDPI Publisher) (MDPI Publisher, thematic issues "Solid State Detectors for Assessment of Natural Radioactivity in Drinking Water: Materials and Method", "Pigments between antiquity and modernity")
5. Applied Sciences (MDPI Publisher) (MDPI Publisher, thematic issues "Environmental Radioactivity and Pollution", "Advances in Environmental Applied Physics (first and second editions)")
6. Frontiers in Physics (Frontiers Publisher, thematic issues "Advances in Food and Environmental Pollution" and "Latest Breakthroughs in Xerogel Science: From Theoretical Models to Advanced Applications")
7. International Journal of Environmental Research and Public Health (MDPI Publisher, thematic issue "Radioecology: The Fate of Radionuclides")
8. Atti della Accademia Peloritana dei Pericolanti - Classe di Scienze Fisiche, Matematiche e Naturali (thematic issue "XII Congresso Nazionale AIAR - Trent'anni di AIAR")

**INTERNATIONAL JOURNALS'
REFEREE**

1. *Czech Journal of Physics*
2. *Radiation Effects and Defects in Solids*
3. *Physical Chemistry Journal*
4. *Laser and Particle Beams*
5. *Nuclear Instruments and Methods in Physics research: section B*
6. *American Journal of Modern Physics*
7. *Advances in Materials*
8. *Optics and Laser Technology*
9. *Journal of Materials Processing*
10. *Environmental Engineering and Management Journal*
11. *Nuclear Science and Techniques*
12. *Environmental Earth Sciences*
13. *Current Nutrition and Food Science*
14. *Karbala International Journal of Modern Science*
15. *The European Physical Journal Plus*
16. *The European Physical Journal A*
17. *Journal of Instrumentation*
18. *Radiation and Applications*
19. *Journal of Hydrology*

25. *Applied Radiation and Isotopes*
26. *Materials*
27. *International Journal of Environmental Analytical Chemistry*
28. *Symmetry*
29. *Aquaculture Research*
30. *Journal of Environmental Radioactivity*
31. *Heliyon*
32. *Food Control*
33. *Molecules*
34. *Microchemical Journal*
35. *International Journal of Environmental Research and Public Health*
36. *Applied Sciences*
37. *Food Science and Technology*
38. *Scientific Reports*
39. *Nuclear Engineering and Technology*
40. *Foods*
41. *Food Additive and Contaminants*
42. *SN Applied Sciences*
43. *Journal of King Saud University*
44. *Ecological Indicators*
45. *Journal of X-Ray Science and Technology*
46. *Process Safety and Environmental Protection*
47. *Catena*
48. *Ecotoxicology and Environmental Safety*
49. *Toxics*
50. *Atmosphere*
51. *Journal of Marine Science and Engineering*
52. *Measurements*
53. *Minerals*
54. *Remote Sensing*
55. *Sensors*
56. *Sustainability*
57. *Frontiers in Physics*
58. *Chemistry Africa*
59. *Journal of Radiation Research and Applied Sciences*
60. *Ecologies*
61. *Water*
62. *Cancers*

PHD THESIS' REFEREE

N. Kharchenko, "Structure and properties of the low pressure longitudinal combined discharge in direct current and radiofrequency electric fields", Kharkov National University.

SCIENTIFIC WORKSHOPS AND SEMINARIES

Active participation with talks

- 10/07-09/2024** 2024 IEEE INTERNATIONAL CONFERENCE ON Metrology for Archaeology and Cultural Heritage (MetroArchaeo), Valletta Campus, Malta
- 06/20/2024** 4th International Workshop on "MOdelling, SImulation and DAta Analysis in Engineering and Physics Applications" (MOSIDA 2024), within "The International Conference on Applied Physics, Simulation and Computing (APSAC 2024), Roma
- 10/19-21/2023** 2023 IMEKO INTERNATIONAL CONFERENCE ON Metrology for Archaeology and Cultural Heritage (MetroArchaeo), Rome, Italy
- 06/20/2023** 3rd International Workshop on "MOdelling, SImulation and DAta Analysis in Engineering and Physics Applications" (MOSIDA 2023), within "The International Conference on Applied Physics, Simulation and Computing (APSAC 2023), Venice, Italy.
- 04/19-21/2023** XII Congresso Nazionale dell'Associazione Italiana di Archeometria (AIAr), Messina, Italy.
- 09/19-20/2022** Workshop "SCICULT: le Scienze nei Beni Culturali", University of Milano, Milano, Italy.
- 09/02-03/2021** "2nd International Workshop on "MOdelling, SImulation and DAta Analysis in Engineering and Physics Applications" (MOSIDA 2021), within "The International Conference on Applied Physics, Simulation and Computing (APSAC 2021), on-line conference
- 09/13-17/2021** 107 National Congress "Italian Society of Physics", on-line conference
- 09/14-18/2020** 106 National Congress "Italian Society of Physics", on-line conference
- 11/26/2019** Seminary "Diagnostics techniques for radioactivity measurements in environmental and food samples"
University of Reggio Calabria-Department of Agricultural Science, Reggio Calabria, Italy
- 12/18-19/2018** Italian National Congress "From Angelo Secchi to Modern Spectroscopy"
Reggio Calabria, Italy
- 09/17-21/2018** 104 National Congress "Italian Society of Physics"
Cosenza, Italy
- 09/07-09/2016** "The 3rd Elimed Workshop: Medical and multidisciplinary applications of laser-driven ion beams ae ELI-Beamlines", INFN-Laboratori Nazionali del Sud, Catania, Italy
- 09/28/2012** Seminary "Pulsed laser-generated plasma and its applications"
Laboratory for Plasma Physics, Koninklijke Militaire School - Ecole Royale Militaire, Renaissancelaan, 30, avenue de la Renaissance, B-1000 Brussels, Belgium
- 11/08/2011** II Workshop of the PhD in physics
University of Messina, Science MM. FF. NN. Faculty, Messina, Italy
- 09/28/2011** Seminary "Laser-generated plasma and its applications"
Physics PhD course, University of Messina, Italy
- 09/21-23/2011** 5th Workshop on "Plasma Production by laser Ablation (PPLA) 2011"
Palazzo Manganelli, Catania, Italy
- 11/10/2010** I Workshop of the PhD in physics
University of Messina, Science MM. FF. NN. Faculty, Messina, Italy

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| 04/19/2010 | IV Workshop "Archeology, Numismatics and Archeometry" University of Messina, Science MM. FF. NN. Faculty, Messina, Italy |
| 07/18/2008 | Workshop "Physical techniques applied to cultural heritage" Museum of Reggio Calabria, Italy |
| 10/09/2008 | I Workshop "Plasmas, sources, biophysics and applications" University of Salento, Lecce, Italy |
| 07/16/2007 | VIII Workshop "Biomaterials and biomechanics" Catania University, Italy |
| 06/14-16/2007 | International Workshop "Plasma Production by Laser Ablation 2007" Scilla (RC), Italy |
| 09/19/2006 | Seminary "Energy distribution of particles ejected by laser-generated plasmas" 6th International Workshop and Summer School: "Towards Fusion Energy – Plasma Physics, Diagnostics, Spin-offs" Kudowa Zdroj, Poland |
| 09/26/2005-10/01/2005 | XCI National Congress "Italian Society of Physics" Catania University, Italy |
| 06/08-11/2005 | International Workshop "Production of Intense Beams of Highly Charged Ions" & "Plasma Production by Laser Ablation 2005" Giardini Naxos (ME), Italy |
| 05/11/2005 | <u>Seminary "The research activity of the Prof. Torrìsi group at the INFN-LNS and the University of Messina – Department of Physics"</u> Institute of Plasma Physics and Laser Microfusion (IPPLM), 23 Hery Str., 01-497, Warsaw, Poland |
| 09/20-25/2004 | XC National Congress "Italian Society of Physics" Brescia, Italy |
| Active participation with posters | |
| 09/21-23/2011 | 5 th Workshop on "Plasma Production by laser Ablation (PPLA) 2011" Catania, Palazzo Manganelli, Italy (N. 2 Posters). |
| 06/16-19/2008 | 23 ^d Symposium on "Plasma Physics and Technology" Czech Technical University, Faculty of Electrical Engineering, Prague, Czech Republic (N. 3 Posters). |
| 06/14-16/2007 | International Workshop "Plasma Production by Laser Ablation 2007" Scilla (RC), Italy, (N. 3 Posters). |
| 06/26-29/2006 | 22 nd Symposium on "Plasma Physics and Technology" Prague, Czech Republic (N. 2 Posters). |
| 06/08-11/2005 | International Workshop "Production of Intense Beams of Highly Charged Ions" & "Plasma Production by Laser Ablation 2005" Giardini Naxos (ME), Italy (N. 4 Posters). |
| Contributions | |
| 10/19-21/2022 | "2022 Imeko International Conference on Metrology for Archaeology and Cultural Heritage" Cosenza, Italy, (N. 3 Posters) |
| 06/29/2022-07/01/2022 | Workshop AIAR "La Sostenibilità nei Beni Culturali" Padova, Italy, (N. 1 Poster) |

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| 10/16-18/2019 | XXXV National Congress of Radioprotection Perugia, Italy (N. 1 Poster) |
| 10/28-30/2015 | XXXVI National Congress of Radioprotection Matera, Italy (N. 2 Posters) |
| 10/19/2012 | III Workshop "Plasmas, sources, biophysics and applications" University of Salento, Lecce, Italy (N. 1 Poster) |
| 10/03-09/2010 | 4 th International conference on "superstrong fields in plasmas" Villa Monastero, Varenna, Italy (N. 1 Poster). |
| 07/05-08/2010 | "International Conference FLAMN-1. Fundamentals of Laser Assisted Micro- & Nanotechnologies" S. Pietroburgo, (N. 1 Poster). |
| 06/21-25/2010 | 37 th EPS "Conference on Plasma Physics" Dublino, (N. 1 Poster). |
| 06/14-17/2010 | 24th Symposium on "Plasma Physics and Technology" Prague, Czech Republic (N. 1 Poster). |
| 05/24-26/2010 | "YOUTH in COnservation of CUltural Heritage - YOCOCU" Palermo, Italy (N. 1 Poster). |
| 06/29/2009-07/03/2009 | 36th EPS "Conference on Plasma Physics" Sofia, Bulgaria (N. 1 Poster). |
| 06/18-20/2009 | 4th Workshop on "Plasma production by laser ablation" Messina, Italy (N. 3 Posters). |
| 06/23-27/2008 | "11th European Particle Accelerator Conference" Genova, Italy (N. 1 Poster). |
| 06/09-13/2008 | 35 th EPS "Conference on Plasma Physics" Hersonissos, Greece (N. 1 Poster). |
| 09/30/2007- 10/05/2007 | "18 th International Conference on Cyclotrons and their Applications" Giardini Naxos (ME), Italy (N. 1 Poster). |
| 07/02-06/2007 | 34 th EPS "Conference on Plasma Physics" Warsaw, Poland (N. 1 Poster). |
| 06/19-23/2006 | 33 rd annual European Physical Society "Conference on controlled fusion and plasma physics" Rome, Italy (N. 1 Poster). |
| 09/28/2004-10/01/2004 | 9 th "Meeting and Seminar on: Ceramics, Cells And Tissues Annual Conferences. Materials For Tissues Engineering Chemistry And Microstructure: The Role For Ceramics" Faenza, Italy, (N. 1 Poster). |

SCIENTIFIC WORKSHOPS ORGANIZATION

| | |
|----------------------|---|
| 10/15-17/2025 | Scientific Committee Member of the “2025 IMEKO TC26 International Conference on Metrology for Archaeology and Cultural Heritage”, Bergamo, Italy. Organizing Committee Member of the Special Session “Damage and Radiological Risk Assessment: Diagnosis and Monitoring for the Restoration, Preventive Conservation, Usability and Maintenance of Cultural Heritage” |
| 12/04-06/2024 | Scientific Committee Member of the “5th International Electronic Conference on Applied Sciences (ASEC 2024)”, online |
| 11/23-24/2024 | Scientific Committee Member of the “2024 International Conference on Power and Clean Energy (PCE 2024)”, Beijing, Cina |
| 10/24-26/2024 | Scientific Committee Member of the “2024 International Conference on Applied Sciences, Engineering and Technology (ICASET 2024)”, Edinburgh, UK |
| 10/07-09/2024 | Scientific Committee Member of the “2024 IEEE International Conference on Metrology for Archaeology and Cultural Heritage”, Valletta campus, Malta. Organizing Committee Member of the Special Session “Damage and Radiological Risk Assessment: Diagnosis and Monitoring for the Restoration, Preventive Conservation, Usability and Maintenance of Cultural Heritage” |
| 10/19-21/2023 | Organizing Committee Member of the Special Session “Damage and Radiological Risk Assessment: Diagnosis and Monitoring for the Restoration, Preventive Conservation, Usability and Maintenance of Cultural Heritage”, “2023 Imeko International Conference on Metrology for Archaeology and Cultural Heritage”, Roma |
| 05/13-14/2023 | Scientific Committee Member of the “7th International Conference on Recent advances in Physics (PHY 2023)”, virtual conference |
| 05/19-21/2023 | Technical Program Committee del “2023 Asia Conference on Environmental Science, Green Energy and Applications (ESGEA 2023)”, Chongqing, China |
| 04/19-21/2023 | Scientific Committee Member of the “XII Congresso Nazionale AIAR”, University of Messina |
| 12/05-07/2022 | Scientific Committee Member of the “Global Conference on Electronics and Electrical Engineering”, Siviglia, Spagna |
| 10/24-26/2022 | Scientific Committee Member of the “2nd International Meet & Expo on Materials Science and Nanomaterials”, Dubai |
| 10/19-21/2022 | Organizing Committee Member of the Special Session “Archaeometric characterization of pigments in art”, “2022 Imeko International Conference on Metrology for Archaeology and Cultural Heritage”, Cosenza, Italia |
| 15-30/10/2022 | Scientific Committee Member of the “4th International Electronic Conference on Environmental Research and Public Health — Climate Change and Health in a Broad Perspective”, online |
| 09/26/2022 | Scientific Committee Member of the “International Workshop On Advances And Applications In Geoforensics: Unraveling Crimes With Geology”, Messina, Italia |
| 06/29-30/2022 | Technical Program Committee del “3rd International Conference on Green Energy, Environment and Sustainable Development”, Beijing, China |

- 12/04-05/2021** Technical Committee Member of the “2021 International Conference on Energy Science and Environmental Chemistry (ICESEC 2021)”, Wuhan, China
- 10/25-27/2021** Organizing Committee Member of the “2nd International Conference and Expo on Materials Science and Nanoscience”, Cologne, Germany
- 10/20-22/2021** Organizer of the Special Issue “Light-based techniques for analysis, diagnostics and conservation of historical-artistic and museum cultural heritage”, “2021 IEEE International Conference on Metrology for Archaeology and Cultural Heritage”, Milano, Italy
- 06/19-20/2020** Organizing Committee Member of the “5th International Conference on Recent advances in Physics (PHY 2021)”, Copenhagen, Denmark
- 10/24-25/2020** Organizing Committee Member of the “ International Conference on Recent Advances in Physics”, Dubai
- 06/15-16/2020** Organizing Committee Member of the “International Conference and Expo on Food Technology and Probiotics”, Montreal, Canada
- 11/18-19/2019** International Advisory Board member “International Symposium on Science, Technology and Engineering “, Melaka, Malaysia
- 06/05-07/2019** Scientific Committee Member of the “VII Convegno Nazionale Agenti Fisici”, Stresa (VB), Italy
- 05/30/2019-06/02/2019** Scientific Committee Member of the 4th International Conference on Food and Biosystems Engineering”, Agia Pelagia-Heraklion, Crete Island, Greek
- 12/04-08/2017** Organizing Committee Member of the “Collaborative Conference on Detectors (CCD)”, Orlando, USA.
- 09/21-23/2011** Scientific secretariat of the 5th International Workshop “Plasma Production by Laser Ablation”, Catania, Italy

Publications

International journals indexed in Scopus/ISI Web

1. **F. Caridi**, D. Chiriu, S. Da Pelo, G. Faggio, M. Guida, G. Messina, M. Ponte, S. A. Ruffolo, D. Majolino, V. Venuti
“Assessment of the radon exhalation and the radiological risk due to natural radioactivity content in the “Pietra di Lecce” building material: A case study”
AIP Conference Proceedings, 3308 020002 (2025)
2. **F. Caridi**, A.M. Mottese, G. Paladini, L. Pistorino, F. Gregorio, S. Lanza, G. Randazzo, S. Marguccio, A. Belvedere, M. D’Agostino, D. Majolino, V. Venuti
“Multivariate Statistics, Radioactivity and Radiological Hazard Evaluation in Marine Sediments of Selected Areas from Sicily, Southern Italy”
Journal of Marine Science and Engineering, 13 769 (2025)
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PERSONAL SKILLS

| | |
|---|---|
| <p>MOTHER TONGUE LANGUAGE</p> <ul style="list-style-type: none"> • Reading • Writing • Talking | <p>ITALIAN</p> <p>ENGLISH</p> <p>Very good</p> <p>Very good</p> <p>Very good</p> |
| <p>RELATIONAL SKILLS</p> | <p>Willingness to live and work with others and in a multicultural environment (acquired during work experience abroad), to occupy positions where communication is important (participation in national and international conferences), to encourage discussion and debate on workplace (eg. internal seminars) to address situations where teamwork is essential (belonging to a group of scientific research).</p> |
| <p>ORGANIZATIONAL SKILLS</p> | <p>Able to collaborate on high level projects (participation in research projects and national and international experiments), to summarize the results obtained after long periods of study and scientific research (eg. dissertations, PhD thesis and several publications in international journals), to manage situations of responsibility.</p> |
| <p>COMPUTER SKILLS</p> | <ul style="list-style-type: none"> • Excellent knowledge of Windows operating systems, of the Office package, of programs to fit (Origin, PeakFit, etc..) and web browsing. Good knowledge of Joomla! for creating websites. Elementary programming skills in MATLAB. Webmaster of the following websites: <ul style="list-style-type: none"> - Official website of the international scientific congress PPLA 2011. - Official web site of international scientific conferences PIBHIPLA and PPLA 2005 and 2007. - Official web site of the VIII Study Day on Biomaterials and Biomechanics 2007. - Website of the degree in analysis and management of natural and anthropogenic, University of Messina. - Website of the Degree Course in Territorial Risk Management, University of Messina. |

OTHER SKILLS

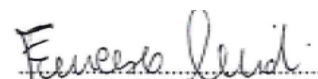
- Scientific association at the INFN (National Institute of Nuclear Physics) of Catania - Messina Associated Group, from 2004 to 2007 as PhD student, from 2007 to 29/12/2008 as PhD researcher and from 12/01/2010 as expert physics.

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According to law 679/2016 of the Regulation of the European Parliament of 27th April 2016, I hereby express my consent to process and use my data provided in this CV.

Messina, April, the 29th, 2025

Handwritten signature of Francesco Landi in cursive script, written on a dotted line.