Curriculum Vitae et Studiorum of Irene Di Palma

CURRICULUM VITAE REDATTO AI SENSI DEGLI ART. 46 E 47 DEL D.P.R. 28.12.2000, N. 445.

La sottoscritta Irene Di Palma

consapevole della responsabilitá penale prevista, dall'art. 76 del D.P.R. 445/2000, per le ipotesi di falsitá in atti e dichiarazioni mendaci ivi indicate:

DICHIARA

che le informazioni sotto riportate sono veritiere.

Name	**Irene Di Palma**
E-mail address	**Irene.DiPalma@uniroma1.it**

Researcher unique identifiers: **ORCID=0000-0003-1544-8943**
ResearcherID **R-1916-2018**
h-index: **92** (source https://www.scopus.com/)

2025 Master in Gender & Leadership in Academia - Sapienza School (GLASS), Sapienza School for Advanced Studies.

2023 - present Coordinator of the scientific curriculum *Fundamental Interactions: theory and experiment* (LM-17), Department of Physics, Sapienza University.

2023 - present Member of the Barcelona Supercomputing Center Access Committee - Centro Nacional de Supercomputación, Barcelona, Spain
From 23-05-2023 National Scientific Qualification as Professor of I level, sector of contest 02/A1, Experimental physics of fundamental interactions.

2022 - present Principal Investigator for Sapienza University for the realisation of the PNRR Project KM3NeT4RR "Kilometer Cube Neutrino Telescope for Recovery and Resilience".

2022 - present Deputy Coordinator of the Academic Class of Science and Technology of the Sapienza School for Advanced Studies (SSAS) to coordinate the class activities and strengthen the Scientific Excellence objectives of the SSAS research.

2022 - present Associate Professor at Sapienza University of Rome.

From 29-03-2021 National Scientific Qualification as Professor of II level, sector of contest 02/C1, Astronomy, Astrophysics and Earth and Planets Physics.

2021 - present Local Group Leader for the KM3NeT Collaboration.

2021 - present ERASMUS contact person in the Sapienza Physics Department for the Berlin Humboldt University - Humboldt-Universität zu Berlin; the Université libre de Bruxelles - Vrije Universiteit Brussel, the University of Geneva - Université de Genève; the University of Valencia - Universitat de València.

2019 - present Junior Research Fellow at the Sapienza School for Advanced Studies (SSAS).

March 2019 - February 2022 Tenure track position in Physics at the University of Roma "La Sapienza".

September 2017 - February 2019 INFN Postdoc Fellowship at the University of Roma "La Sapienza".

From 25-07-2017 National Scientific Qualification as Professor of II level, sector of contest 02/A1, Experimental physics of fundamental interactions.

September 2016 - August 2017 Oréal and UNESCO for Women in Science fellowship, University of Rome "La Sapienza" and INFN (National Institute for Nuclear Physics), working on *Correlation data analysis between high energy neutrinos from ANTARES and Ultra High Energy Neutrinos from Auger and Telescope Array.* Adviser: Prof. A. Capone.

September 2015 - August 2016 INFN Postdoc Fellowship at the University of Roma "La Sapienza". In collaboration with Dr. Dafne Guetta and Dr. Elena Amato, working on *Constrains of hadronic content of Pulsar Wind Nebula.* Adviser: Prof. A. Capone.

August 2014 - August 2015
Post-doc fellowship, International Max Planck Research School on Gravitational Wave Astronomy, Max-Planck-Institut für Gravitationsphysik Albert-Einstein-Institut, Golm, Berlin working on the post-processing of the last scientific searches of Einstein@Home project.
Adviser: Dr. M. Alessandra Papa

August 2012 - August 2014

Post-doc fellowship, International Max Planck Research School on Gravitational Wave Astronomy, Max-Planck-Institut für Gravitationsphysik (Albert-Einstein-Institut) and Leibniz Universität Hanover, Germany.
Data analysis for the search of periodic gravitational wave signals from isolated compact objects, in the contest of Einstein@Home project
Advisers: Prof. Bruce Allen, Dr. M. Alessandra Papa

February 2009 - August 2012
Doctoral Studies, Magna cum laude, International Max Planck Research School on Gravitational Wave Astronomy, Max-Planck-Institut für Gravitationsphysik, (Albert-Einstein-Institut) and Leibniz Universität Hanover, Germany
Thesis: *The first search for coincident Gravitational Waves and High Energy Neutrinos*
Advisers: Prof. Bruce Allen

26 June 2008
Master Degree in Astronomy and Astrophysics (110/110) cum laude at the University 'La Sapienza' in Rome
Thesis: *Neutrino fluxes detection from galactic sources with the underwater detector ANTARES*
Advisers: Prof. Antonio Capone and Dr. Fabrizio Lucarelli

30 October 2006
Bachelor Degree in Physics and Astrophysics (110/110) cum laude at the University 'La Sapienza' in Rome
Thesis: *Reduction of thermal noise in the gravitational experiments: study of the last suspension stadium of VIRGO mirrors for cryogenic environments*
Adviser: Prof. Fulvio Ricci

Prizes

- **2009 ARAP** Prize for the best Master Degree Thesis in Astroparticle Physics

- **2016 Breakthrough** Prize for the discovery of Gravitational Waves
- **2016 Oréal and UNESCO** Prize for Women in Science
- **2016 Gruber** Foundation Cosmology Prize
- **2017 Albert Einstein** Medal, as part of the LIGO Scientific Collaboration
- **2017 Princess of Asturias Award** for Technical and Scientific Research, as part of the LIGO Scientific Collaboration
- **2017 Royal Astronomical Society Group Achievement Award** for Astronomy, as part of the LIGO Scientific Collaboration

Fellowship

- **30 June - 7 September 2008:** Summer Fellowship INFN-NSF/LIGO at Columbia University of New York about *Search method for coincident events from LIGO-VIRGO-IceCube-ANTARES detectors*
  Adviser: Prof. Szabolcs Marka

Funding

- **2023-2026** Principal Investigator for Sapienza University for the realisation of the PNRR Project KM3NeT4RR "Kilometer Cube Neutrino Telescope for Recovery and Resilience", Mission 4 "Education and Research" - Unit 2 "From research to business", Investment line 3.1, "Fund for the creation of an integrated system of research and innovation infrastructures", funded by the European Union - NextGenerationEU. Funds:1.1M euro
- **2021-2025** H2020 EOSC Future - Grant Agreement N. 101017536, with three strategic purposes: enabling researchers to access data, storage and compute via a Europe-wide federation of IT services; Open Science initiatives drive the transition to open data, open standards and open literature to bring research benefits to European societies at large; and finally, scientific communities contribute content and users of

their highly diverse research communities to populate EOSC with the scientific data resources, digital assets and computational tools from research infrastructures. Local Funds: 100k euro.

- **2024** PI of the project *Multi-messenger investigation of extreme astrophysical sources in the Universe* Funding from University of Rome Sapienza, Protocol number: RM124190B27960E5. Local Funds: 10k euro.

- **2023** co-PI of the project *Cencelle: from raw materials to artifacts. A technological and functional processes reconstruction* Funding from University of Rome Sapienza, Protocol number: SA1231888BD8ED10. Local Funds: 63k euro.

- **2022** co-PI of the project *Real-time approach for multi-messenger astronomy.* Funding from University of Rome Sapienza, Protocol number: RM1221816813FFA3. Local Funds: 11k euro.

- **2021** PI of the project *Gamma rays and neutrinos at energies beyond 100 TeV: multi-messenger investigation of extreme astrophysical sources in the Universe.* Funding from University of Rome Sapienza, Protocol number: RG12117A87956C66. Local Funds: 70k euro.

- **2020** PI of the project *Core-Collapse Supernovae: Multi-messenger Data Analysis Search* Funding from University of Rome Sapienza, Protocol number:
  RM120172AEF49A82. Local Funds: 38k euro.

- **2019** co-PI of the project *Characterization of astrophysical impulsive sources of high energy photons (GRB, AGN, Magnetars,..), neutrinos and gravitational waves.* Funding from University of Rome Sapienza, Protocol number: RM11916B46F43D61. Local Funds: 38k euro.

- **2018** co-PI of the project *Study of transient astrophysical sources of neutrinos and low and high energy photons with a multimessenger approach.* Funding from University of Rome Sapienza, Protocol number: RP11816436445A8C. Local Funds: 4k euro.

- **2016** co-PI of the project *Test and characterization of acoustic source for the calibration of underwater acoustic sensors' network.* Funding

from University of Rome Sapienza, Protocol number: RM11615501D14D39. Local Funds: 13k euro.

Duties

- 2020- present Guest editor for the Gravitational Wave Collection for Scientific Reports of Nature Publishing Group, The Macmillan Building 4 Crinan Street London, N1 9XW. website: https://www.nature.com/collections/eicefgcidi/guest-editors

- Supervisor for the Master Thesis "Relativistic Jet Dynamics in Black Hole X-ray Bi-naries: The case of MAXI J1820+070 and Beyond" of Gulzar Shaik presented on March 25, 2024 at the University of Rome "La Sapienza".

- Supervisor for the Bachelor Thesis "Study of the 2019/2020 outburst of MAXI J1348–630 and evolution of its discrete ejections" of Matteo Fanelli, presented on June 30, 2021 at the University of Rome "La Sapienza".

- 2019, 2020, Reviewer of proposals within the 'VICI' scheme for the Netherlands

- 2019 - present Reviewer for Physical Review D Journal

- 2018 Co-supervisor for the Master thesis "Gamma-ray bursts and gravitational waves joint analysis with the LIGO-Virgo network" of Francesco Carotenuto, presented on October 26, 2018 at the University of Rome "La Sapienza".

- member of the Local Organizing Committee of Rome International Conference on AstroParticle Physics (RICAP) 2018

- 2017-present Aspen Junior Fellow

- 2014-present Editorial Board Member for Scientific Reports of Nature Publishing Group, The Macmillan Building 4 Crinan Street London, N1 9XW.

- 2016 Co-supervisor for the Master thesis "Correlation between high energy cosmic rays observed by Auger and Telescope Array and detected neutrinos from the telescope ANTARES" of Giovanni Renzi, presented on December 20, 2016 at the University of Rome "La Sapienza".

Teaching activity

- *2026* Physics class for the Department of Environmental Science at the University of Rome La Sapienza;
- *2025* Multimessenger and Astroparticle Physics class for the Department of Physics and Astronomy at the University of Rome La Sapienza;
- *2025* Physics class for the Department of Environmental Science at the University of Rome La Sapienza;
- *2024* Astroparticle Physics class for the Department of Physics and Astronomy at the University of Rome La Sapienza;
- *2024* Multimessenger Astrophysics class for the PhD program of the Department of Physics and Astronomy at the University of Rome La Sapienza;
- *2024* Physics class for the Department of Environmental Science at the University of Rome La Sapienza;
- *2023* Series of invited lectures at the Advanced School on Multi-Messenger Astrophysics in São Paulo , Brazil between May 29^{th} and June 7^{th} 2023
- *2023* High Energy Astrophysics class for the PhD program of the Department of Physics and Astronomy at the University of Rome La Sapienza;
- *2023* Astroparticle Physics class for the Department of Physics and Astronomy at the University of Rome La Sapienza;
- *2023* Physics class for the Department of Environmental Science at the University of Rome La Sapienza;
- *2022* Physics class for the Department of Environmental Science at the University of Rome La Sapienza;

- *2021* Physics class for the Department of Environmental Science at the University of Rome La Sapienza;
- *2020* Physics class for the Department of Environmental Science at the University of Rome La Sapienza;
- *Lecturer (2019)*: teach "The new Era of Multi-messenger astrophysics" for the Astroparticle Physics Course;
- *2019* Physics class for the Department of Environmental Science at the University of Rome La Sapienza;
- *Lecturer (2018)*: teach "Multi-messenger astrophysics: prospects from latest discoveries" for the Astroparticle Physics Course;
- *Lecturer (2017)*: teach "Multi-messenger astrophysics: the new era of gravitational waves" for the Astroparticle Physics Course;
- *Teaching Assistant (2016)* for the Mechanics class;
- *Lecturer (2015)*: teach "Theory of gravitational waves and their sources, detectors (AdvLIGO and AdvVirgo), multimessenger and recent results" for the Astroparticle Physics Course;
- *Teaching Assistant (2011)*: supervise undergraduate student for the topic 'Modified Newton Dynamics (MOND)' at the Max-Planck-Institute Hannover;
- *Teaching Assistant (2010)*: supervise undergraduate student for the topic 'Hubble Space Telescope' at the Max-Planck-Institute Hannover;
- *Teaching Assistant (2009)*: supervise undergraduate students for two main topics: 1) Black Holes, observations and wormhole; 2) Black Holes' classification at the Max-Planck-Institute Hannover.

Partecipation at Schools

- *High-energy neutrino and cosmic-ray astrophysics - The way forward* January 2-15, 2017, Weizmann Institute of Science, Israel

- *International Max Planck Research School, Lecture Week* 28 February-5 March 2010 on Gravitational Wave Astronomy.
- *Virgo EGO Scientific Forum (VESF) School on Gravitational Wave Data Analysis*, from 10 to 13 February 2010, Cascina.
- *International Max Planck Research School, Lecture Week* 23-28 August 2009 on Gravitational Wave Astronomy

Public Science Summary

-
- *The Discovery of the Ultra-High-Energy Neutrino KM3NeT-230213A* 4^{th} March 2025, Television Interview at the La7 Newsroom on the Program Tagadà
- *From the depths of the cosmos to the depths of the Mediterranean* 12^{th} February 2025, Press Conference for the Discovery of the Ultra-High-Energy Neutrino KM3NeT-230213A at Sapienza University.
- *KM3NeT: the next generation neutrino telescope* 13^{th} September 2024, INFN Open Day at Sapienza University.
- *High Energy astrophysical neutrino detection in a multimessenger scenario* 25^{th} January 2023, public lecture at Sapienza University for the conference *Status and Prospects of Astroparticle Physics*.
- *From the infinitely large to the infinitely small* 27^{th} April 2022, public lecture at Sapienza University for the conference *Space: the last frontier*.
- *Multimessenger Astronomy* at the European Researcher Night 2020 `https://www.youtube.com/watch?v=CbQ-UgVK5es`
- *Astroparticle Physics in the Multimessenger Era* public lecture for the *Open doors* project at Sapienza University, 2019.
- *Multimessenger discovery of one neutrino of IceCube in coincidence with a Fermi Blazar* at the INFN - National Institute of Nuclear Physics,17^{th}

July 2018, https://www.facebook.com/IstitutoFisicaNucleare/videos/10156481815242579/

- *Discovery of the Universe through Gravitational waves: the observation of a binary neutron star merger* 20^{th} February 2018, public lecture.
- *New Cosmic Messengers: first joint search for gravitational waves and high energy neutrinos* http://www.ligo.org/science/Publication-S5LV_ANTARES/index.php.
- *GW150914: The First Discovery of Gravitational Waves* 2^{nd} April 2016, public lecture.

List of all peer-reviewed journal articles

1. Phenomenological gravitational waveforms for core-collapse supernovae, P. Cerda-Duran, M. Lopez, A. Favali, I. Di Palma, M. Drago and F. Ricci, Phys.Rev.D 111 (2025) 8, 083022

2. *Building spectral templates and reconstructing parameters for core collapse supernovae with CASTOR*, A. Simongini, F. Ragosta, S. Piranomonte and I. Di Palma, Mon. Not. Roy. Astron. Soc. 533, 3053–3067 (2024)

3. Constraining the physical properties of large-scale jets from black hole X-ray binaries and their impacts on the local environment with blastwave dynamical models, F. Carotenuto, R. Fender, A. J. Tetarenko, S. Corbel, A. A. Zdziarski, G. Shaik, A. J. Cooper, I. Di Palma, Mon. Not. Roy. Astron. Soc. 533 (2024) 4, 4188-4209

4. Towards multi-messenger observations of core-collapse supernovae harbouring choked jets, A. Zegarelli, D. Guetta, S. Gagliardini, S. Celli, I. Di Palma, A. Capone and I. Bartos, A&A, 690, A187 (2024)

5. Observation of Gravitational Waves from the Coalescence of a $2.5 - 4.5M$ Compact Object and a Neutron Star, A. Abac et al, Astrophys.J.Lett. 970 (2024) 2, L34

6. *Ultralight vector dark matter search using data from the KAGRA O3GK run*, A. Abac et al, Phys.Rev.D 110 (2024) 4, 042001

7. *Constraints on the energy spectrum of the diffuse cosmic neutrino flux from the ANTARES neutrino telescope neutrino telescope*, A. Albert et al, JCAP 08 (2024) 038

8. *Results of the follow-up of ANTARES neutrino alerts*, A. Albert et al, JCAP 09 (2024) 042

9. An Optically Targeted Search for Gravitational Waves emitted by Core-Collapse Supernovae during the Third Observing Run of Advanced LIGO and Advanced Virgo, M. J. Szczepańczyk et al. Phys.Rev.D 110 (2024) 4, 042007

10. Multi-messenger observations of core-collapse supernovae: Exploiting the standing accretion shock instability, M. Drago, H. Andresen, I. Di Palma, I. Tamborra and A. Torres-Forné, Phys.Rev.D 108 (2023) 10, 103036

11. On the hadronic origin of the TeV radiation from GRB 190114C, S. Gagliardini, S. Celli, D. Guetta, A. Zegarelli, A. Capone, I. Di Palma, JCAP 12 (2023) 013

12. *Searches for neutrinos in the direction of radio-bright blazars with the ANTARES telescope*, A. Albert et al, 2024 ApJ 964 3

13. A Joint Fermi-GBM and Swift-BAT Analysis of Gravitational-Wave Candidates from the Third Gravitational-wave Observing Run, C. Fletcher et al, Astrophys.J. 964 (2024) 2, 149

14. *Search for Eccentric Black Hole Coalescences during the Third Observing Run of LIGO and Virgo*, A.G. Abac et al., Astrophys.J. 973 (2024) 2, 132

15. *Frequency-Dependent Squeezed Vacuum Source for the Advanced Virgo Gravitational-Wave Detector*, F. Acernese et al, Phys.Rev.Lett. 131 (2023) 4, 041403

16. *Search for gravitational-lensing signatures in the full third observing run of the LIGO-Virgo network*, R. Abbott et al, Astrophys.J. 970 (2024) 2, 191

17. *Open Data from the Third Observing Run of LIGO, Virgo, KAGRA, and GEO*, R. Abbott et al, Astrophys.J.Suppl. 267 (2023) 2, 29

18. *Search for neutrino counterparts to the gravitational wave sources from LIGO/Virgo O3 run with the ANTARES detector*, A. Albert et al, JCAP 04 (2023) 004

19. *Embedded Software of the KM3NeT Central Logic Board*, S. Aiello et al, Comput.Phys.Commun. 296 (2024) 109036

20. *Search for subsolar-mass black hole binaries in the second part of Advanced LIGO's and Advanced Virgo's third observing run*, R. Abbott et al, Mon.Not.Roy.Astron.Soc. 524 (2023) 4, 5984-5992, Mon.Not.Roy.Astron.Soc. 526 (2023) 4, 6234 (erratum)

21. *Search for gravitational-wave transients associated with magnetar bursts in Advanced LIGO and Advanced Virgo data from the third observing run*, R. Abbott et al, Astrophys.J. 966 (2024) 1, 137

22. *Virgo Detector Characterization and Data Quality: tools*, F. Acernese et al, et al, Class.Quant.Grav. 40 (2023) 18, 185005

23. *Virgo Detector Characterization and Data Quality: results from the O3 run*, F. Acernese et al, et al, Class.Quant.Grav. 40 (2023) 18, 185006

24. *Model-based Cross-correlation Search for Gravitational Waves from the Low-mass X-Ray Binary Scorpius X-1 in LIGO O3 Data*, R. Abbott et al, Astrophys.J.Lett. 941 (2022) 2, L30

25. *Search for continuous gravitational wave emission from the Milky Way center in O3 LIGO-Virgo data*, R. Abbott et al, Phys.Rev.D 106 (2022) 4, 042003

26. *Search for Gravitational Waves Associated with Fast Radio Bursts Detected by CHIME/FRB During the LIGO–Virgo Observing Run O3a*, R. Abbott et al, Astrophys.J. 955 (2023) 2, 155

27. *The Virgo O3 run and the impact of the environment*, F. Acernese et al, et al, Class.Quant.Grav. 39 (2022) 23, 235009

28. *First joint observation by the underground gravitational-wave detector KAGRA with GEO 600*, R. Abbott et al, PTEP 2022 (2022) 6, 063F01

29. *Search for gravitational waves from Scorpius X-1 with a hidden Markov model in O3 LIGO data*, R. Abbott et al, Phys.Rev.D 106 (2022) 6, 062002

30. *All-sky search for continuous gravitational waves from isolated neutron stars using Advanced LIGO and Advanced Virgo O3 data*, R. Abbott et al, Phys.Rev.D 106 (2022) 10, 102008

31. *Detection prospects for multi-GeV neutrinos from collisionally heated GRBs*, A. Zegarelli, S. Celli, A. Capone, S. Gagliardini, S. Campion and I. Di Palma, Phys.Rev.D 105 (2022) 8, 083023

32. *Hint for a TeV neutrino emission from the Galactic Ridge with ANTARES*, A. Albert et al, Phys.Lett.B 841 (2023) 137951

33. Search for Gamma-Ray and Neutrino Coincidences Using HAWC and ANTARES Data, H.A. Ayala Solares et al, Astrophys.J. 944 (2023) 2, 166

34. *Limits on the nuclearite flux using the ANTARES neutrino telescope*, A. Albert et al, JCAP 01 (2023) 012

35. *Search for secluded dark matter towards the Galactic Centre with the ANTARES neutrino telescope*, A. Albert et al, JCAP 06 (2022) 06, 028

36. *Search for magnetic monopoles with ten years of the ANTARES neutrino telescope*, A. Albert et al, JHEAp 34 (2022) 1-8

37. *Search for solar atmospheric neutrinos with the ANTARES neutrino telescope*, A. Albert et al, JCAP 06 (2022) 06, 018

38. *Search for Spatial Correlations of Neutrinos with Ultra-high-energy Cosmic Rays*, A. Albert et al, Astrophys.J. 934 (2022) 2, 164

39. *Search for non-standard neutrino interactions with 10 years of ANTARES data*, A. Albert et al, JHEP 07 (2022) 048

40. *Nanobeacon: A time calibration device for the KM3NeT neutrino telescope*, S. Aiello et al, Nucl.Instrum.Meth.A 1040 (2022) 167132

41. *Implementation and first results of the KM3NeT real-time core-collapse supernova neutrino search*, S. Aiello et al, Eur.Phys.J.C 82 (2022) 4, 317

42. *Combined sensitivity of JUNO and KM3NeT/ORCA to the neutrino mass ordering*, S. Aiello et al, JHEP 03 (2022) 055

43. *Sensitivity to light sterile neutrino mixing parameters with KM3NeT/ORCA*, S. Aiello et al, JHEP 10 (2021) 180

44. *Deep learning for core-collapse supernova detection*, M. López Portilla, I. Di Palma, M. Drago, P. Cerdá-Durán, F. Ricci, Phys.Rev.D 103 (2021) 6, 063011

45. *First observation of the cosmic ray shadow of the Moon and the Sun with KM3NeT/ORCA*, S. Aiello et al, Eur.Phys.J.C 83 (2023) 4, 344

46. *KM3NeT Broadcast Optical Data Transport System*, S. Aiello et al, JINST 18 (2023) 02, T02001

47. *Determining the neutrino mass ordering and oscillation parameters with KM3NeT/ORCA*, S. Aiello et al, Eur.Phys.J.C 82 (2022) 26

48. *The KM3NeT potential for the next core-collapse supernova observation with neutrinos*, S. Aiello et al, Eur.Phys.J.C 81 (2021) 5, 445

49. *Deep-sea deployment of the KM3NeT neutrino telescope detection units by self-unrolling*, S. Aiello et al, JINST 15 (2020) 11, P11027

50. *Event reconstruction for KM3NeT/ORCA using convolutional neural networks*, S. Aiello et al,JINST 15 (2020) 10, P10005

51. *Search for non-standard neutrino interactions with 10 years of ANTARES data*, A. Albert et al, JHEP 07 (2022) 048

52. *All-sky search for continuous gravitational waves from isolated neutron stars using Advanced LIGO and Advanced Virgo O3 data*, R. Abbott et al, Phys.Rev.D 106 (2022) 10, 102008

53. *Estimating the neutrino flux from choked gamma-ray bursts*, M. Fasano, S. Celli, D. Guetta, A. Capone, A. Zegarelli, and I. Di Palma, JCAP 09 (2021) 044.

54. *Narrowband searches for continuous and long-duration transient gravitational waves from known pulsars in the LIGO-Virgo third observing run*, R. Abbott et al, Astrophys.J. 932 (2022) 2, 133

55. *Tests of General Relativity with GWTC-3*, R. Abbott et al, arXiv:2112.06861

56. *All-sky search for gravitational wave emission from scalar boson clouds around spinning black holes in LIGO O3 data*, R. Abbott et al, Phys.Rev.D 105 (2022) 10, 102001

57. *Searches for Gravitational Waves from Known Pulsars at Two Harmonics in the Second and Third LIGO-Virgo Observing Runs*, R. Abbott et al, Astrophys.J. 935 (2022) 1, 1

58. *Search for Gravitational Waves Associated with Gamma-Ray Bursts Detected by Fermi and Swift During the LIGO-Virgo Run O3b*, R. Abbott et al, Astrophys.J. 928 (2022) 2, 186

59. *The population of merging compact binaries inferred using gravitational waves through GWTC-3*, R. Abbott et al, Astrophys.J. 949 (2023) 2, 76

60. *GWTC-3: Compact Binary Coalescences Observed by LIGO and Virgo During the Second Part of the Third Observing Run*, R. Abbott et al, Phys.Rev.X 13 (2023) 4, 041039

61. *All-sky, all-frequency directional search for persistent gravitational-waves from Advanced LIGO's and Advanced Virgo's first three observing runs*, R. Abbott et al, Phys.Rev.D 105 (2022) 12, 122001

62. *Search for subsolar-mass binaries in the first half of Advanced LIGO and Virgo's third observing run*, R. Abbott et al, Phys.Rev.Lett. 129 (2022) 6, 061104

63. *Search for continuous gravitational waves from 20 accreting millisecond X-ray pulsars in O3 LIGO data*, R. Abbott et al, Phys.Rev.D 105 (2022) 022002

64. *GWTC-2.1: Deep Extended Catalog of Compact Binary Coalescences Observed by LIGO and Virgo During the First Half of the Third Observing Run*, R. Abbott et al, Phys.Rev.D 109 (2024) 2, 022001

65. *All-sky search for long-duration gravitational-wave bursts in the third Advanced LIGO and Advanced Virgo run*, R. Abbott et al, Phys.Rev.D 104 (2021) 10, 102001

66. *All-sky search for short gravitational-wave bursts in the third Advanced LIGO and Advanced Virgo run*, R. Abbott et al, Phys.Rev.D 104 (2021) 12, 122004

67. *Calibration of Advanced Virgo and reconstruction of detector strain h(t) during the Observing Run O3*, F. Acernese et al, et al, Class.Quant.Grav. 39 (2022) 4, 045006

68. *All-sky Search for Continuous Gravitational Waves from Isolated Neutron Stars in the Early O3 LIGO Data*, R. Abbott et al, Phys.Rev.D 104 (2021) 8, 082004

69. *Observation of Gravitational Waves from Two Neutron Star–Black Hole Coalescences*, R. Abbott et al, Astrophys.J.Lett. 915 (2021) 1, L5

70. *Search for intermediate mass black hole binaries in the third observing run of Advanced LIGO and Advanced Virgo*, R. Abbott et al, Astron.Astrophys. 659 (2022) A84

71. *Constraints on dark photon dark matter using data from LIGO's and Virgo's third observing run*, R. Abbott et al, Phys.Rev.D 105 (2022) 6, 063030

72. *Searches for continuous gravitational waves from young supernova remnants in the early third observing run of Advanced LIGO and Virgo*, R. Abbott et al, Astrophys.J. 921 (2021) 1, 80

73. *Search for lensing signatures in the gravitational-wave observations from the first half of LIGO-Virgo's third observing run*, R. Abbott et al, Astrophys.J. 923 (2021) 1, 14

74. *Constraints from LIGO O3 data on gravitational-wave emission due to r-modes in the glitching pulsar PSR J0537-6910*, R. Abbott et al, Astrophys.J. 922 (2021) 1, 71

75. *Search for neutrinos from the tidal disruption events AT2019dsg and AT2019fdr with the ANTARES telescope*, A. Albert et al, Astrophys.J. 920 (2021) 1, 50

76. *Search for anisotropic gravitational-wave backgrounds using data from Advanced LIGO's and Advanced Virgo's first three observing runs*, R. Abbott et al, Phys.Rev.D 104 (2021) 2, 022005

77. *Measurement of the atmospheric ν_e and ν_μ energy spectra with the ANTARES neutrino telescope*, A. Albert et al, Phys.Lett.B 816 (2021) 136228.

78. *Upper Limits on the Isotropic Gravitational-Wave Background from Advanced LIGO's and Advanced Virgo's Third Observing Run*, R. Abbott et al, Phys.Rev.D 104 (2021) 2, 022004

79. *Search for Gravitational Waves Associated with Gamma-Ray Bursts Detected by Fermi and Swift During the LIGO-Virgo Run O3a*, R. Abbott et al, Astrophys.J. 915 (2021) 2, 86

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229. *Application of a Hough search for continuous gravitational waves on data from the 5th LIGO science run*, J. Aasi et al. arXiv:1311.2409, Class. Quantum Grav. 31(8) 2014. Impact factor: 3.168

230. *Constraints on cosmic (super)strings from the LIGO-Virgo gravitational-wave detectors*, J. Aasi et al. arXiv:1310.2384, Phys. Rev. Lett. 112, 131101 (2014). Impact Factor: 7.728

231. *First Searches for Optical Counterparts to Gravitational-wave Candidate Events*, J. Aasi et al. arXiv:1310.2314, Astrophys.J.Suppl. 211 (2014). Impact Factor: 7.728

232. *A directed search for continuous Gravitational Waves from the Galactic Center*, J. Aasi et al. arXiv:1309.6221, Phys. Rev. D 88, 102002 (2013). Impact Factor: 4.864

233. *Search for long-lived gravitational-wave transients coincident with long gamma-ray bursts*, J. Aasi et al. arXiv:1309.6160, Phys. Rev. D 88 122004, 2013. Impact Factor: 4.864

234. *Gravitational waves from known pulsars: results from the initial detector era*, J. Aasi et al. arXiv:1309.4027, Astrophys.J. 785 (2014) 119. Impact factor: 5.993

235. *Parameter estimation for compact binary coalescence signals with the first generation gravitational-wave detector network*, J. Aasi et al. arXiv:1304.1775, Phys. Rev. D 88, 062001, 2013. Impact Factor: 4.864

236. *Prospects for Localization of Gravitational Wave Transients by the Advanced LIGO and Advanced Virgo Observatories*, J. Aasi et al. arXiv:1304.0670, .

237. *Search for Gravitational Waves from Binary Black Hole Inspiral, Merger and Ringdown in LIGO-Virgo Data from 2009-2010*, J. Aasi et al. arXiv:1209.6533, Phys. Rev. D 87, 022002 (2013). Impact Factor: 4.864

238. *Einstein@Home all-sky search for periodic gravitational waves in LIGO S5 data*, J. Aasi et al. arXiv:1207.7176, Rev. D 87, 042001 (2013). Impact Factor: 4.864

239. *A First Search for coincident Gravitational Waves and High Energy Neutrinos using LIGO, Virgo and ANTARES data from 2007*, Adrián-Martínez et al. arXiv:1205.3018, JCAP 1306 008, 2013. Impact factor: 5.877

240. *Multi-messenger astronomy with gravitational waves and high-energy neutrinos*, V. Van Elewyck et al. arXiv:1203.5192, Reviews of Modern Physics 85 (2013) 1401-1420. Impact factor: 42.86

241. *Multi-messenger Science Reach and Analysis Method for Common Sources of Gravitational Waves and High-energy Neutrinos* B. Baret et al. arXiv:1112.1140v1, 2012 PRD 85, 103004. Impact Factor: 4.691

242. *Bounding the Time Delay between High-energy Neutrinos and Gravitational-wave Transients from Gamma-ray Bursts*, B. Baret et al. arXiv:1101.4669, Astropart.Phys.35:1-7, 2011. Impact factor:3.216

243. *Search for gravitational waves associated with gamma-ray bursts during LIGO science run 6 and Virgo science runs 2 and 3*, M. Briggs et al. arXiv:1205.2216v1, Astrophys. J. 760 12, 2012. Impact factor: 6.733

244. *Swift follow-up observations of candidate gravitational-wave transient events*, P. Evans et al. arXiv:1205.1124, ApJS, 203, 28, 2012. Impact factor:16.238

245. *The characterization of Virgo data and its impact on gravitational-wave searches*, J. Aasi et al. arXiv:1203.5613, Class. Quantum Grav. 29 155002, 2012. Impact factor: 3.562

246. *Sensitivity Achieved by the LIGO and Virgo Gravitational Wave Detectors during LIGO's Sixth and Virgo's Second and Third Science Runs*, J. Abadie et al. arXiv:1203.2674, 2012.

247. *Search for Electromagnetic Counterparts to LIGO-Virgo Candidates: Expanded Very Large Array*, J. Lazio et al. , IAU Symposium, Volume 285, p. 67-70, arXiv:1203.0093, 2012.

248. *All-sky search for gravitational-wave bursts in the second joint LIGO-Virgo run*, J. Abadie et al. arXiv:1202.2788, Phys. Rev. D 85 122007, 2012. Impact Factor: 4.691

249. *Search for Gravitational Waves from Intermediate Mass Binary Black Holes*, J. Abadie et al. arXiv:1201.5999, Phys. Rev. D 85 102004, 2012. Impact Factor: 4.691

250. *Implications For The Origin Of GRB 051103 From LIGO Observations*, J. Abadie et al. arXiv:1201.4413, Astrophys. J. 755 2, 2012. Impact factor: 6.733

251. *First Low-Latency LIGO+Virgo Search for Binary Inspirals and their Electromagnetic Counterparts*, J. Abadie et al. arXiv:1112.6005, Astron Astrophys 541 A155, 2012. Impact factor: 5.084

252. *Upper limits on a stochastic gravitational-wave background using LIGO and Virgo interferometers at 600-1000 Hz*, J. Abadie et al. arXiv:1112.5004, Phys. Rev. D 85 122001, 2012. Impact Factor: 4.691

253. *Search for Gravitational Waves from Low Mass Compact Binary Coalescence in LIGO's Sixth Science Run and Virgo's Science Runs 2 and 3*, J. Abadie et al. arXiv:1111.7314, Phys. Rev. D 85, 082002 , 2012. Impact Factor: 4.691

254. *All-sky Search for Periodic Gravitational Waves in the Full S5 LIGO Data*, J. Abadie et al. arXiv:1110.0208, Phys. Rev. D85 022001, 2012. Impact Factor: 4.691

255. *Implementation and testing of the first prompt search for gravitational wave transients with electromagnetic counterparts*, J. Abadie et al. arXiv:1109.3498, Astron Astrophys 539, A124, 2012. Impact factor: 5.084

256. *A gravitational wave observatory operating beyond the quantum shot-noise limit: Squeezed light in application*, J. Abadie et al. arXiv:1109.2295, Nature Physics 7, 962, 2011. Impact factor: 18.967

257. *Directional limits on persistent gravitational waves using LIGO S5 science data*, J. Abadie et al. arXiv:1109:1809, Phys. Rev. Lett. 107, 271102 2011. Impact Factor: 7.37

258. *Beating the spin-down limit on gravitational wave emission from the Vela pulsar*, J. Abadie et al. arXiv:1104.2712, Astrophys.J.737:93, 2011. Impact factor: 6.024

259. *Search for gravitational waves from binary black hole inspiral, merger and ringdown*, J. Abadie et al. arXiv:1102.3781, Phys.Rev.D83:122005, 2011. Impact Factor: 4.558

260. *Search for Gravitational Wave Bursts from Six Magnetars*, J. Abadie et al. arXiv:1011.4079, Astrophys.J.734:L35, 2011. Impact factor: 6.024

261. *A search for gravitational waves associated with the August 2006 timing glitch of the Vela pulsar*, J. Abadie et al. arXiv:1011.1357, Phys. Rev. D83 (2011) 042001, 2011. Impact Factor: 4.558

262. *Calibration of the LIGO Gravitational Wave Detectors in the Fifth Science Run*, J. Abadie et al. arXiv:1007.3973, Nucl.Instrum.Meth.A624:223-240, 2010. Impact factor: 1.142

263. *First search for gravitational waves from the youngest known neutron star*, J. Abadie et al. arXiv:1006.2535, Astrophys.J. 722:1504, 2010. Impact factor: 7.436

264. *Search for Gravitational Waves from Compact Binary Coalescence in LIGO and Virgo Data from S5 and VSR1*, J. Abadie et al. arXiv:1005.4655, Phys. Rev. D 82, 102001, 2010. Impact Factor: 4.964

265. *Sensitivity to Gravitational Waves from Compact Binary Coalescences Achieved during LIGO's Fifth and Virgo's First Science Run*, J. Abadie et al. arXiv:1003.2481, 2010.

266. *Predictions for the Rates of Compact Binary Coalescences Observable by Ground-based Gravitational-wave Detectors*, J. Abadie et al. arXiv:1003.2480, Class.Quant.Grav.27:173001, 2010. Impact Factor: 3.098

267. *All-sky search for gravitational-wave bursts in the first joint LIGO-GEO-Virgo run*, J. Abadie et al. arXiv:1002.1036, Phys.Rev.D81:102001, 2010. Impact Factor: 4.964

Talks in Conferences

- **Invited talk** *Catching Cosmic Messengers: A High Energy Neutrino Detection with KM3NeT* at the 20^{th} **Patras Workshop on Axions, WIMPs, and WISPs**, Tenerife, Spain, 25^{th} September 2025.
- *Identifying SASI in Core-Collapse Supernovae using the Hilbert-Huang Transform* presented at **16th Edoardo Amaldi Conference on Gravitational Waves and 24th International Conference on General Relativity and Gravitation** , Glasgow, UK, 15^{th} July 2025.
- Invited lecture *Gravitational Waves: A Revolution in the Way We Study the Universe* at **International School on AstroParticle Physics (ISAPP) - High energy cosmic rays as messengers: From space to the ground**, Lecce, Italy 12^{th} June 2025.
- **Invited seminar** *Multimessenger challenges for the detection of core collapse supernovae* presented at **Theory meets experiment: Particle Astrophysics and Cosmology Conference**, Quy Nhon, Vietnam 8^{th} January 2025.
- **Invited seminar** *Neutrino counterpart of kHz Gravitational Wave sources* presented at the **Seventeenth Marcel Grossmann Meeting (MG17)** in Pescara, Italy, 11^{th} July 2024.
- **Invited seminar** *Multimessenger observations: status and future perspectives* presented at the XIX Vulcano Workshop on Frontier Objects in Astrophysics and Particle Physics, Ischia Island, Italy 27^{th} May 2024.
- *Multimessenger challenges for the detection of core collapse supernovae* presented at the **International Cosmic Ray Conference (ICRC) 2023**, Nagoya, Japan 28^{th} July 2023.
- **Invited seminar** *Core collapse supernovae using Machine Learning in multi-messenger context* presented at **Theory meets experiment: Particle Astrophysics and Cosmology Conference**, Quy Nhon, Vietnam 9^{th} January 2023.
- **Invited seminar** *A deep learning approach to discover core collapse supernovae* presented at the Third Gravi-Gamma Workshop, Volterra, Italy 6^{th} October 2022.

- **Invited seminar** *Core collapse supernova detection: a deep learning approach* presented at the XVIII Vulcano Workshop on Frontier Objects in Astrophysics and Particle Physics, Elba Island, Italy 26^{th} September 2022.

- **Invited seminar** *Deep learning algorithm for core-collapse supernova detection* presented at the **IPAM Workshop IV: Big Data in Multi-Messenger Astrophysics (GWAWS4)**, Los Angeles, USA, 1^{st} December 2021.

- **Invited seminar** *A machine learning application in Multi-Messenger Astrophysics* at the **IPAM Workshop I: Computational Challenges in Multi-Messenger Astrophysics (GWAWS1)**, Los Angeles, USA, 7^{th} October 2021.

- *Core-collapse supernova detection in the multimessenger era: a deep learning approach* at the online **14th Edoardo Amaldi Conference on Gravitational Waves**, 22^{nd} July 2021.

- *Neutrino predictions from choked GRBs and comparison with the observed cosmic neutrino flux* presented at the online **International Cosmic Ray Conference (ICRC) 2021**, 19^{th} July 2021.

- *Deep learning for Core-Collapse Supernova detection* presented at the online **Sixteen Marcel Grossmann Meeting (MG16)**, 6^{th} July 2021.

- **Invited seminar** *A new method to detect neutrinos and gravitational waves from Core-collapse Supernovae* at **the Max Planck for Gravitational Waves in Golm**, Germany, 11^{th} February 2020.

- *KM3NeT time calibration* presented at the **International Cosmic Ray Conference (ICRC) 2019** Madison, USA, 1^{st} August 2019.

- *A nonlinear analysis of Gravitational Waves from Core-collapse Supernovae* at the **22nd International Conference on General Relativity and Gravitation and 13th Edoardo Amaldi Conference on Gravitational Waves** in Valencia, Spain, 9^{th} July 2019.

- **Invited talk** *Neutrinos and gravitational waves from Core collapse supernovae* at **The 27th International Workshop on Weak Interactions and Neutrinos (WIN2019)** in Bari, Italy, 4^{th} June 2019.
- **Invited review talk** *Core collapse supernovae: multimessenger astrophysical laboratory* at the **Iberian Gravitational Wave Meeting (IGWM)** in Santiago de Compostela, Spain, 3^{rd} June 2019.
- *A New method to observe gravitational waves emitted by core collapse supernovae* **EPS (European Physical Society) Conference on Gravitation** in Roma, Italy 20^{th} February 2019.
- *A New method to observe gravitational waves emitted by core collapse supernovae* **Deciphering multi-Dimensional nature of core-collapse SuperNovae via Gravitational-Wave and neutrino signatures (SNeGWv2018)** in Toyama, Japan 8^{th} October 2018.
- **Invited talk** *KM3NeT Time Calibration* at the **Very Large Volume Neutrino Telescopes Workshop (VLVnT-2018)** in Dubna, Russia 3^{rd} October 2018.
- *Gravitational Waves Core-Collapse Supernovae Search with Machine Learning Techniques* presented at the **Fifteenth Marcel Grossmann Meeting (MG15)** in Rome, Italy, 5^{th} July 2018.
- *Results from the first ARCA and ORCA detector units* presented at the **NEUTRINO2018** Conference in Heidelberg, Germany, 6^{th} June 2018.
- **Invited talk** *Gravitational Waves: An Entire New Window on to the Cosmos* presented at the **Perspectives in Astroparticle physics from High Energy Neutrinos (PAHEN)** workshop in Naples, Italy, 26^{th} September 2017.
- *Search for a correlation between ANTARES high-energy neutrinos and ultra high-energy cosmic rays detected by the Pierre Auger Observatory and the Telescope Array* presented at the **International Cosmic Ray Conference (ICRC) 2017** Busan, South Korea, 17^{th} July 2017.
- *Angular correlation of cosmic neutrinos with ultrahigh-energy cosmic rays and implications for their sources.* presented at **High-energy**

neutrino and cosmic-ray astrophysics - The way forward, Weizmann Institute of Science, Israel, 6^{th} January 2017.

- **Invited talk** *Detection of gravitational waves with LIGO and Virgo* presented at the **International Conference on Astrophysics and Particle Physics 2016**, Dallas, Texas, USA, 10^{th} December 2016.

- **Invited talk** *High energy neutrinos from Pulsar Wind Nebulae* presented at the **International Conference on Astrophysics and Particle Physics 2016**, Dallas, Texas, USA, 8^{th} December 2016.

- *Measurements of high energy neutrinos from pulsar wind nebulae* presented at the **Neutrino 2016 Conference**, London, United Kingdom, 5^{th} July 2016.

- **Invited talk** *Latest results in data from the ANTARES experiment* presented at the **28th Rencontres de Blois: Particle Physics and Cosmology**, Blois, France 1^{st} June 2016.

- *Searches for high energy neutrinos and gravitational waves: recent results in data from the LIGO and Virgo detectors and expectations for the Advanced Detector Era* presented at the **TeV Particle Astrophysics 2015**, Tokyo, Japan 29^{th} October 2015.

- **Invited talk** *Searches for continuous gravitational waves: recent results in data from the LIGO and Virgo detectors*, presented at the **Hot Topic in General Relativity and Gravitation Conference**, Quy Nhon, Vietnam 10^{th} August 2015.

- *Method for deep all-sky searches for continuous gravitational wave signals*, presented at the 14^{th} **Marcel Grossmann Meeting**, Rome, Italy 16^{th} July 2015.

- *Multimessenger astrophysics: when gravitational waves meet high energy neutrinos*, presented at the 13^{th} **Rome International Conference on AstroParticle Physics**, Italy 24^{nd} May 2013.

- *The invisible messengers: the 2007 data search between gravitational waves and high energy neutrinos*, presented at the 13^{th} **Marcel Grossmann Meeting**, Stockholm, Sweden 3^{rd} July 2012.

- *First Joint analysis between Gravitational Waves and High Energy Neutrinos using LIGO/Virgo-ANTARES data*, presented at the **TAUP Conference**, Munich, Germany 8^{th} September 2011.

Technical Skills

Software

- Root/C++ programming language;
- Condor, parallel programming (Atlas cluster)
- Matlab programming language;
- Fortran programming language;
- TOPCAT.

Operating System

- Linux;
- Mac;
- Windows (ECDL: European Computer Driving Licence).

Languages

- Italian (native speaker);
- English (good both written and spoken) (TOEFL);
- German (B1).

CURRICULUM VITAE

MARTINA ALLEGRO
INFN - Sezione di Bologna e CNAF
Viale Berti Pichat 6/2
40127 Bologna
E-mail: martina.allegro@bo.infn.it
Tel. : 051 2095261

Data di nasci

- **1986**: Maturità Tecnica - Diploma di Ragioniere e Perito commerciale conseguita presso l'I.T.C.G. "Leon Battista Alberti" di Abano Terme (PD) con la votazione di 56/60.

INCARICHI E RESPONSABILITÀ

- **Dal 2/2015:** Responsabile Amministrativo della Sezione INFN di Bologna e del CNAF (accorpamento dei Servizi avvenuto a fine 2013).

PROGRESSIONI DI CARRIERA

- **Dal 1/1/2013:** Collaboratrice di amministrazione V livello presso INFN–Sez. di Bologna e CNAF
- **1/3/2004 - 31/12/2012:** Collaboratrice di amministrazione VI livello presso INFN–Sez. di Bologna
- **20/7/1994 – 28/2/2004:** Collaboratrice di amministrazione VII livello presso INFN–Sez. di Bologna
- **1/6/1992 – 19/7/1994:** Collaboratrice di amministrazione VII livello TD ex art.7 presso INFN-CNAF

ATTIVITÀ SVOLTA

Dal 1/2/2015 svolgo il ruolo di Responsabile Amministrativo della Sezione di Bologna e del CNAF, in seguito all'accorpamento dei Servizi, avvenuto poco prima (fine 2013). Mi occupo della gestione amministrativo-contabile di due bilanci separati con un'assegnazione complessiva di circa 12 M€.

Il Servizio oggi supporta e fornisce consulenza operativa a circa 350 colleghi tra dipendenti delle due Strutture INFN, personale universitario con incarico di ricerca all'INFN e altri associati. Coordino 7 collaboratrici d'amministrazione che svolgono le diverse mansioni: ordini, fatture, pagamenti, missioni, inventario e rendicontazione dei fondi esterni.

Gestisco, supporto, controllo e/o rendiconto la parte amministrativa di diversi progetti esterni, di varia provenienza: PNRR, H2020 e H-EUROPE, POR-FESR, PRIN, POC, MUR, MISE, ASI, ACRI, etc.

Bologna, 20/05/2025 Martina Allegro

europass Curriculum Vitae

INFORMAZIONI PERSONALI

Tiziano Ferro

Roma, Italia

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ESPERIENZA PROFESSIONALE

Dal 01 Febbraio 2015

INFN – Laboratori Nazionali di Frascati
Responsabile del Servizio di Amministrazione

Incarico di Responsabile del Servizio di Amministrazione e gestione delle attività amministrative dei Laboratori e del Gruppo Collegato di Cosenza
Gestione di un bilancio di circa € 40.000.000
Responsabile di un team di 18 persone, distribuite in 6 Uffici ed interazioni con circa 500 persone tra dipendenti e personale associato
Riorganizzazione delle attività e dei flussi operativi ed informatici all'interno della Struttura.
Financial Officer di vari Progetti Europei e ministeriali

Dal 01 Settembre 2013 al 31Gennaio 2015

INFN – SEZIONE DI BOLOGNA e CNAF
Responsabile del Servizio di Amministrazione

Viale C. B. Pichat 6/2. 40127 BOLOGNA

Incarico di Responsabile del Servizio di Amministrazione ed organizzazione delle attività amministrative della Sezione di Bologna e del CNAF
Gestione di un bilancio di circa € 9.000.000
Responsabile di un team 8 persone ed interazioni con circa 350 persone tra dipendenti e personale associato

Dal 01 Giugno 1995 al 31 Agosto 2013

INFN – SEZIONE DI BOLOGNA
Responsabile del Servizio di Amministrazione

Viale C. B. Pichat 6/2. 40127 BOLOGNA

Incarico di Responsabile del Servizio di Amministrazione ed organizzazione delle attività amministrative della Sezione di Bologna
Gestione di un bilancio di circa € 5.000.000
Responsabile di un team 6 persone ed interazioni con circa 300 persone tra dipendenti e personale associato
Riorganizzazione del lavoro all'interno del Servizio di Amministrazione, con l'inserimento

della rotazione del lavoro tra il personale del Servizio, garantendo così la continuità delle attività, in periodi di ferie o di assenze.

Dal 15 giugno 1999 al 31 agosto 2005

Rappresentate Nazionale del Personale Tecnologo, Tecnico ed Amministrativo nel Consiglio Direttivo dell'INFN

Membro Consiglio di Amministrazione dell'INFN

Dal 2003 al 2004

Ho collaborato, su richiesta del Prof. Antonino Zichichi, Presidente del Museo Storico della Fisica e Centro Studi e Ricerche "Enrico Fermi" ed autorizzato dal Presidente dell'INFN, Prof. Enzo Iarocci, per la riorganizzazione, lo sviluppo e la gestione amministrativa del Museo Storico della Fisica e Centro Studi e Ricerche Enrico Fermi

Dal 1993

Inquadrato nel Profilo di Collaboratore di Amministrazione V livello

Dal 26 aprile 1983

Assunto nell'INFN presso l'Amministrazione Centrale nella Direzione Affari Generali ed Ordinamento – Servizio Affari Assicurativi e Sociali. Riorganizzazione delle procedure ed informatizzazione dei flussi lavorativi

ISTRUZIONE E FORMAZIONE

1980

Diploma di Maturità Scientifica presso l'Istituto Gian Battista Vico – Roma

1985 - 1989

Corsi IBM di programmatore e sistemista su IBM S36 ed AS/400

21 aprile 2006

Conseguito il Patentino Europeo Informatico ECDL

COMPETENZE PERSONALI

Lingua madre

Italiano

Altre lingue

Buona conoscenza della lingua inglese

Competenze comunicative

Possiedo ottime competenze comunicative acquisite durante la mia esperienza di Responsabile dei Servizi di Amministrazione e di Rappresentante Nazionale del Personale Tecnologo, Tecnico ed Amministrativo nel Consiglio Direttivo dell'INFN

Competenze organizzative e gestionali

Leadership: attualmente responsabile di un team di 16 persone. Ho riorganizzato i flussi di lavoro tra i vari uffici e informatizzato molte procedure, cercando di ridurre al minimo l'utilizzo di carta e stampe, semplificato l'iter di procedure di acquisto e missioni, razionalizzando l'organizzazione.
Gestione di fondi Istituzionali e fondi esterni (UE, MIUR, MAE, PRIN etc) e Financial

Officer di tutti i fondi gestiti nei Laboratori Nazionali di Frascati e del Gruppo Collegato di Cosenza

Competenze professionali

Ottimo livello di competenza professionale, acquisita negli anni di attività all'interno dell'INFN sia in Amministrazione Centrale come Responsabile di Servizio che presso le Strutture INFN come Responsabile dei Servizi di Amministrazione

Ho partecipato come membro e/o presidente di numerose Commissioni di Gara per acquisti e servizi e di Commissioni di Concorso e Selezioni per assunzioni di personale a tempo Indeterminato e Determinato

Competenze informatiche

Buona conoscenza delle applicazioni Office; dei sistemi operativi Windows ed Apple; utilizzo di Oracle Application – Suite E-Business.
Utilizzo di applicazioni di posta elettronica e di video conferenze

Patente di guida

In possesso di patente categoria C