



Davide Parodi

Date of birth:

Nationality:

CONTACT



WORK EXPERIENCE

01/11/2021 – CURRENT Roma, Italy

PhD Student Università Campus Bio-Medico di Roma

PhD Student, Università Campus Bio-Medico di Roma, Dottorato Nazionale in Intelligenza Artificiale (Healthcare and life sciences area) Cycle XXXVII, at the Life Science Computational laboratory LISCOMP Lab, IRCCS Ospedale Policlinico San Martino, Genova.

EDUCATION AND TRAINING

15/09/2019 – 20/10/2021 Genova, Italy

Master's Degree Università degli Studi di Genova, Dipartimento di Matematica

Website <https://dima.unige.it> | **Field of study** Natural sciences, mathematics and statistics | **Final grade** Cum Laude | **Thesis** Denoising di immagini corrotte da rumore speckle con il metodo della variazione totale

LANGUAGE SKILLS

MOTHER TONGUE(S): Italian

Other language(s):

English

Listening B2

Reading B2

Writing B2

Spoken production B2

Spoken interaction B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

Experience in MATLAB, python, and R | C, C++,C# | SQL | DataBase Sql Server

CONFERENCES AND SEMINARS

PhD Schools, PhD Courses, Conferences and Seminars

- "IEEE EMBS-SPS International Summer School On Biomedical Imaging", IMT Atlantique Bretagne-Pays de la Loire, 19th – 25th June, 2022;
- "Some nonlinear PDEs and their applications in image", UniBo, 18th - 22nd July 2022;
- "PhD AI School (Area Healthcare and Life Sciences)", Università Campus Bio-Medico di Roma, 26th - 30th September 2022;
- "Multiscale Applications of Mathematics to Medicine", Università Campus Bio Medico di Roma, October 2022;
- "Methods for data analysis", Università degli Studi di Genova, 15th - 23rd May 2023;
- Minisimposio in session "Modern Techniques for Biomedical Data Analysis," a "SIMAI 2023", 28th August – 1st September. 2023, Matera.
- "Data and physics driven (kernel) machine learning: Applications to solar physics and space weather", Università degli Studi di Genova, 17th - 21st June 2024;
- "Bumblekite '24", ETH Zurigo, 1st - 5th July 2024.

HONOURS AND AWARDS

25/06/2022 IEEE-EMBS

3rd place - Best poster award

3rd place "Best poster award" at "IEEE EMBS-SPS International Summer School On Biomedical Imaging". Poste title: "PET kinetic parameters

reconstruciotn using Gaussian processes and gradient matching constraints”.

TEACHING ACTIVITY

2021 – 2024

University Teaching Activity

- A.A. 2021/2022, teaching support for academic course “Programmazione 1” for Bachelor Degree in Mathematics and SMID, Università degli Studi di Genova.
- A.A. 2022/2023, teaching support for academic course “Programmazione 1” for Bachelor Degree in Mathematics and SMID, Università degli Studi di Genova.
- A.A. 2023/2024, teaching support for academic course “Programmazione 1” for Bachelor Degree in Mathematics and SMID, Università degli Studi di Genova.
- A.A. 2022/2023, teaching support for academic course “Algebra Lineare e Analisi numerica” for Bachelor Degree in Informatics, Università degli Studi di Genova.
- A.A. 2021/2022, Supporto alla didattica del corso “Algebra Lineare e Analisi numerica” for Bachelor Degree in Informatics and SMID, Università degli Studi di Genova.
- Appointment as Subject Matter Expert “Algebra Lineare e Analisi Numerica” for Bachelor Degree in Informatics, Università degli Studi di Genova, in A.A. 2022-2023, A.A. 2023-2024

MEMBERSHIP

2023 – CURRENT

Membership of research groups

Gruppo Nazionale per il Calcolo Scientifico (GNCS) - Istituto Nazionale di Alta Matematica (INdAM-GNCS)

PUBLICATIONS

2024

Localized FDG loss in lung cancer lesions

D. Parodi et al., 2024, EJNMMI Research