Federico Bellisardi
Ph.D. Student

September 6th, 1993

Github: federicobellisardi

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About me

Born in Maglie (Le) on September 1993.

* Bachelor's degree in Physics from the University of Bologna. My thesis focused on accelerator physics and was supervised by Prof. Armando Bazzani, with Prof. Graziano Servizi serving as the co-supervisor.

* Master's degree in Physics (curriculum: Theoretical Physics), with my thesis focusing on the instability of rotational gaseous structures, supervised by Prof. Carlo Nipoti, with Prof. Luca Ciotti as my co-supervisor.

* Research Fellow with Physycom Group - City Science Laboratory at University of Bologna.

* Ph.D. student on Applied Physics at University of Bologna.

Programming Languages

Python

c++

ABAP

Research Area

Complex Systems, Smart Cities, Data Analysis, Big Data

Experience

2022 - now	Ph.D. Student	University of Bologna
2021 - 2022	Research Fellow	University of Bologna
2019 - 2020	SAP - ABAP Developer	E-Services, De Longhi Company

Education

2015-2019	M.Sc. Theoretical Physics	University of Bologna
	Dissertation Title: Stability Of Gaseous Structures in Axisymmetric Rotation in presence of a Black Hole	
2012-2015	B.Sc. Physics	University of Bologna
	Dissertation Title: Studio del Trapping Adiabatico per Mappe Stocastiche	

Languages

Italian	Mother Tongue
English	Advanced
Spanish	Intermediate
French	Basic

Visiting

2024	IFISC	February 11th - March 11th
	Universidad de las Islas Baleares	
2023	USJ	October 2nd - October 9th
	Universidad San Jorge - Zaragoza	
2023	IFISC	March 1st - June 29th
	Universidad de las Islas Baleares	

Schools

2023	GEFENOL	July 17th - 28th
	Summer School on Statistical Physics of Complex System	
2022	INFN School of Statistics 2022	May 15th - 20th

Conferences

2024	NetSci-X 2024 - International School and Conference on Network Science	January 22nd - 25th
	Poster Title: An Agent-Based Model for Traffic Flows Reconstruction from Distributed Data.	
2023	I Congreso Español sobre Investigación en Movilidad	October 5th - 6th
	Titulo Charla: Reconstrucción del Flujo de Tráfico a Partir de Datos Distribuidos.	
	Caso de Estudio Emilia Romagna, Italia.	
2023	INFN IS BioPhys 2023	September 18th - 20th
	Talk Title: Traffic Flows Reconstruction from Distributed Data: a Case Study.	
2022	INFN IS BioPhys 2022	September 14th - 16th
	Talk Title: Data Driven Dynamical Model for Traffic Flows on a Road Network.	
2022	Convegno S.LI.DES	June 9th - 10th

Tutor

2022 - 2024	Mathematics and Computer Science
	University of Bologna (Dep. Pharmacy and Biotechnology - FABIT)
2021 - 2022	Physics (A-L) (Module 2)
	University of Bologna (Dep. Biological, Geological, and Environmental Sciences)

Certifications

2022	E-learning course module 2 - Sicurezza Specifica;
2017	E-learning course module 1 - Sicurezza Generale;

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