Personal information

Surname(s) / First name(s)	**Guidarelli Mattioli, Francesco**

Research Project

Title and Date	Study of large helicase proteins via full-atom Molecular Dynamics, 2020-now
Title and Date	Study of Deep Neural Network Potential for biological and soft matter systems, 2021-now

Education

Place and Date	Phd in physics, University of Rome La Sapienza, 2021-now
Place and Date	Scuola Internazionale di Studi Superiori Avanzati (SISSA), 2020-2021
Title of qualification awarded	Visiting Student
Place and Date	University of Rome La Sapienza, 2018-2020
Title of qualification awarded	MSc in Biophysics
Place and Date	University of Rome La Sapienza, 2016-2018
Title of qualification awarded	BSc in Physics
Place and Date	University of Rome La Sapienza, 2013-2016
Title of qualification awarded	BSc in Biomedical Engineering

Awards

Second degree	During my studies in biomedical engineering, I developed a strong interest for physics. After I graduated in Biomedical engineering, I moved to physics and I got a second bachelor's degree, in physics.

Language

Mother tongue(s)	**Italian**
Other language(s)	English

Self-assessment
European level[(*)]

	Understanding		Speaking		Writing
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2

[(*)] *Common European Framework of Reference (CEF) level*

Teaching experience

Exercise lectures, 150 h	"Classical physics", for the biological sciences course, University of Rome La Sapienza, 2019-2020.

Lab Assistant, 150 h	"Mechanics and Electromagnetism Laboratory" for physics course, University of Rome La Sapienza, 2018-2019.

Additional information

Programming language	Fortran, C, Python, Matlab, R. TensorFlow python and c/c++ for Deep Learning.
Molecular Dynamics simulation and visualization software	AMBER, GROMACS, VMD

Autorizzo il trattamento dei miei dati personali presenti nel curriculum vitae ai
sensi del Decreto Legislativo 30 giugno 2003, n. 196 e del GDPR (Regolamento UE 2016/679).
Al fine della pubblicazione.

F.to Francesco Guidarelli Mattioli