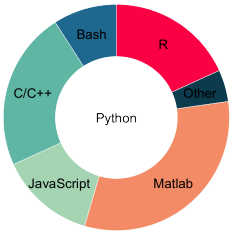
Programming



OS Preference

GNU/Linux ★★★★★
MacOS ★★★★★
Windows ★★★★☆

Languages

Italian ★★★★★
English ★★★★★
French ★★★★☆
German ★★★★☆

D. RuggieroLo Sardo

Complex Systems Scientist

Education

2019/06 **Summer School** SFI Complex Systems Summer School
Main subjects: Complex Behavior in Mathematical, Physical, Living, and Social Systems.

2018/05 **Workshop** Complexity72h, Lucca
Main subjects: Epidemiology, Statistical physics of finance, Blockchain-based systems.

2017/09 **Summer School** Mediterranean School of Complex Networks, Salina
Main subjects: Centrality Measures, Community Detection, Dynamics on Complex Networks, Robustness, Multilayer networks.

2012-2016 **Master's Degree in Theoretical Physics** Sapienza Università di Roma, Italy
Curriculum in Theoretical Physics and Complexity.
Main subjects: Quantum Field Theory, Statistical Field Theory, Physics of Complexity, Numerical Simulations.
Title of Thesis: *The Effects of Topography on Language Diversification Dynamics in the Italian Peninsula.*
Supervisor: Prof. Vittorio Loreto; Co-Supervisor: Dott. Vito Servedio.

2009-2012 **Bachelor's Degree in Physics** Sapienza Università di Roma, Italy
Main subjects: Physics and Mathematics, Programming, Chemistry, Digital and Analogical Electronics, Data Analysis.
Supervisor: Prof. Daniele Fuà.
Thesis activity carried out during an internship period at LATMOS, Guyancourt, France.

Work Experience

2019/08 **Research Assistant** Sony CSL Paris
Researching creativity in the writing process.
The organization of Scientific Writing Workshops

2018/09 **Conference** Conference on Complex Systems 2018, Thessaloniki
Talk title: *Systemic Risk in Health-Care Networks*

2018/08 **Conference** Falling Walls Lab, Austria
Finalist for the Falling Walls Lab Austria. Talk title: *Breaking the Wall of Health-Care Divide*

2017/02-Ongoing **PhD Student** Section for Science of Complex Systems, Medical University of Vienna, Austria
Researching within the SmartResilience project with respect to the Austrian health-care system.
Supervisor: Stephan Thurner; Co-Supervisor: Peter Klimek

2016/11 **Presenter/Interpreter** KREYON, creativity and innovation dynamics
Presenter and interpreter for the Simtable installation during the KREYON days at Palazzo delle Esposizioni, Rome

2015/09-2016/05 **Intern** Nuclear Magnetic Resonance Labs of *Sapienza* Università di Roma
Intern for the simulation of diffusion-weighted NMR in the trabecular bone using Finite element analysis and Fast Random Walks