Lorenzo Cirigliano | CV

First year (XXXVII ciclo) Ph.D. student at Sapienza University of Rome and Centro Ricerche Enrico Fermi (CREF).
Research interests in Statistical Mechanics, Complex Systems, Mathematical and Computational Physics.
Supervisor: Claudio Castellano (ISC-CNR, CREF).

Education

Sapienza University of Rome **Rome, IT**
Master's Degree in Theoretical Physics 110/110 cum Laude *2018-2021*

- Thesis in Statistical Mechanics and Complex Systems entitled *Long-range percolation on complex networks*.
- Curriculum studiorum focused on Statistical Mechanics, Computational Physics, Non-equilibrium thermodynamics, Dynamical Systems and Mathematical Physics.
- Average of exam marks: 29.84/30.
- Number of honors in exam marks: 4.

Sapienza University of Rome **Rome, IT**
Bathcelor's Degree in Physics 110/110 cum Laude *2015-2018*

- Thesis in Statistical Mechanics and Condensed Matter Physics entitled *Electron gas in an external magnetic field and Landau's diamagnetism*.
- Average of exam marks: 29.29/30.
- Number of honors in exam marks: 3.

Liceo Scientifico Statale "G. De Lorenzo" **Latronico, IT**
Secondary School Diploma 100/100 cum Laude *2010-2015*

Formative Experiences

These experiences have strongly shaped me both from the technical and human points of view.

CoBBS Laboratory - Istituto dei Sistemi Complessi (ISC-CNR) **Rome, IT**
Research Collaboration *Apr 2019 - May 2020*

Physics Department Library, Sapienza University of Rome **Rome, IT**
Library Assistant *Jen 2017 – Dec 2020*

Summer Schools and conferences

Summer schools

- *Lipari School on Computational Complex and Social Systems*, in July 2022.

Conferences

- *NetSciX 2022, Porto*, (presenter).

Skills

Languages

- Italian (mother-tongue).
- English, good reading and writing, discrete listening and speaking.

Computer Skills

- C language (very good), LaTeX(good), Wolfram Mathematica (basic), Python (basic).
- Basic knowledge of Linux based OSs and MS Windows.

Lab Skills

- Lab mandatory classes in Mechanics, Thermodynamics, Electronic circuits, Optics; basic knowledge in Fourier analysis of signals.
- Experience with team-work and data analysis.

Teaching

- Working as a private tutor for students both from high school and university.

Scientific Publications

- *Cumulative merging percolation: A long-range percolation process in networks*, LC, G. Cimini, R. Pastor-Satorras, and C. Castellano, Phys. Rev. E 105, 054310 (2022).

02/08/2022

F.to
Lorenzo Cirigliano