

PERSONAL INFORMATION

Ilaria Maccari



WORK EXPERIENCE

- 01/11/2014–Present **Physics PhD student**
"La Sapienza" University, Rome (Italy)
Supervisor: Prof. Claudio Castellani
Group of research: CLC group Condensed Matter Theory
- 05/10/2015–20/11/2015 **Tutoring OFA**
"La Sapienza" University, Rome (Italy)
Teaching of basic math to college students proved insufficient to the scientific entrance test.
- 2013–2014 **Fellowship**
"Saarland University", Saarbrücken (Germany)
Supervisor: Prof. Heiko Rieger
Group of Statistical Physics
- 2009 **Assistant and Animator at "Italian Math Festival"**
Auditorium Parco della Musica of Rome, Rome (Italy)
Explanation and discussion of physical experiments and math curiosities.
- 2007 **Assistant at "Italian Science Festival"**
Auditorium Parco della Musica of Rome
Presentation and discussion of a physical experiment
- 2006–2007 **Summer Camp Animator**
Kids assistance and animation.

EDUCATION AND TRAINING

- 01/11/2010–29/01/2013 **Master Degree in Theoretical Physics**
"La Sapienza" University, Rome (Italy)
Master Thesis Supervisor: Prof. Enzo Marinari
Master Thesis Title: "Statistical Mechanics of Superconducting Islands in 2D"
Final grade: 110/110 cum Laude
- 01/10/2007–05/11/2010 **Bachelor's Degree in Physics**

"La Sapienza" University, Rome (Italy)
 Bachelor's Thesis Supervisor: Prof. Sergio Caprara
 Bachelor's Thesis Title: "Boltzmann's contribution to the problem of irreversibility"
 Final grade: 110/110 cum Laude

01/09/2002–01/07/2007 High School Diploma
 Liceo Scientifico "I. Newton", Rome (Italy)
 Final grade: 100/100

PERSONAL SKILLS

Mother tongue(s) Italian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
French	C1	C1	C1	C1	C1
German	A1	A1	A1	A1	A1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages

Organisational / managerial skills

Good sense of organization and leadership acquired through volunteering as leader and responsible for children's and teenager's group in a scout association.

Digital competence

Programming Language:

- C: Advanced
- C++: Good
- Mathematica: Advanced
- Python: Very Good
- Gnuplot: Advanced
- Awk: Advanced

Editor:

- LateX for text and presentation: Advanced

Driving licence B

ADDITIONAL INFORMATION

Publications **I.Maccari, A. Maiorano, E. Marinari and J. J. Ruiz-Lorenzo**

"A numerical study of planar arrays of correlated spin islands"
 Eur. Phys. J. B (2016) 89: 127
<http://dx.doi.org/10.1140/epjb/e2016-70171-x>



Publications **I. Maccari, R. Zhaob, M. Peglow, K. Schwarz, I. Hornak, M. Paschec, A. Quintana, M. Hoth , B. Qu, H. Rieger**

"Cytoskeleton rotation relocates mitochondria to the immunological synapse and increases calcium signals."

Cell Calcium (2016)

<http://dx.doi.org/10.1016/j.ceca.2016.06.007>

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