

Curriculum Vitae

PERSONAL INFORMATION **Giacomo Frangipane**

WORK EXPERIENCE

Scientific tutor for cultural association "The Science Zone Associazione di Divulgazione Scientifica", devoted to science communication, scientific learning and divulgation.

Experienced in physics demonstrations and laboratory activities particularly dedicated to children (5-15 y.o.).

Frequent participation, as scientific tutor, to public events such as "Notte della Ricerca" (with Frascati Scienza association), "Festa della Primavera" (at Orto Botanico, Rome) and "La scienza illumina" (with Maker Faire Rome)

EDUCATION AND TRAINING

11/2014 - present

Ph.D. fellowship in Physics *at Sapienza University, Rome*

10/2011 - 07/2014

Master Degree in Physics *at Sapienza University, Rome*, with mark 110/110
Thesis Advisors: Prof. E. Marinari, Dr. B. Cerruti. Thesis title: "Tumor induced angiogenesis: a statistical mechanics approach"

09/2008 - 11/2011

B. S. Degree in Physics *at Sapienza University, Rome*, with mark 110/110 cum laude
Selected for the University excellent student course
Thesis Advisor: Prof. A. Tramontano

09/2003 - 07/2008

High School Diploma *at Liceo Classico Statale "Mamiani" - Scientifico Brocca, Rome*

PERSONAL SKILLS

Mother tongue(s) Italian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1

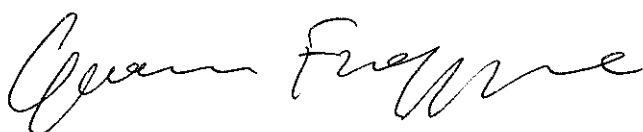
Computer skills

- Operating systems: Microsoft Windows (XP, 7, 8, 10), Linux, MacOS X.
- Programming Languages: C, Python.
- Software: R, Origin, Microsoft Office, Gnuplot and Latex for scientific writing.

ADDITIONAL INFORMATION

Projects

Team member of the SMART (Statistical Mechanics of Active Matter) project of the ERC, P.I. Roberto Di Leonardo
My project deals with using motile bacteria as propelling units in synthetic microfabricated structures. Bacteria are often engineered to implement to functions inside them.



- Workshops ■ Microswimmers – From Single Particle Motion to Collective Behaviour, International Conference , 04-07/10/2016 in Bonn
- SCS-Scienza Comunicazione Società, Summer School 2016, 04-09/09/2016 in *La Morra*
- Active Complex Matter, Summer School 2016, 12-23/07/2016 in *Cargèse*
- Synthetic and System Biology, Summer School 2015, 05-09/07/2015 in *Taormina*
- Paris Biological Physics Community Day 2014, 7/11/2014 at *Laboratoire de Physique Théorique, École Normale Supérieure – Paris*
- Mini-courses during the University excellence course 2009-2011
- Additional Courses Arduino Course at *Fablab Roma Makers* , 11/2014 - 02/2015
- Honours and awards ■ Ph.D. fellowship 2014 in Physics at *Sapienza University, Rome*
- Fellowship for the University excellence course
- Hobbies ■ Sailing
- Homebrewing