

PERSONAL INFORMATION

Paolo Piergentili



Sex Male | Date of birth 17/05/1988 | Nationality Italian

STUDIES APPLIED FOR

Early Stage Researcher

WORK EXPERIENCE

15/09/2012 – 31/01/2013

Tutor

ASSINT, University of Camerino

- Erasmus office support
- Welcome of Erasmus students
- Write and review documents

EDUCATION AND TRAINING

06/2016 - present

Researcher at Hamburg Universität (Germany)

12/2014 – 05/2016

EU-researcher at Hamburg Universität (Germany)

05/2014 – 11/2014

EU-researcher at Leibniz Universität Hannover (Germany)

2014

Physics Master degree with 110/110 cum laude

Thesis Title: Optical cooling of a mechanical micro-oscillator revealed by homodyne detection

University of Camerino

- Physics

2011

Physics Bachelor degree with 110/110 cum laude

Thesis Title: Bistability in Optical Cavities

University of Camerino

- Physics

2007

High School Diploma with 100/100 cum laude

Istituto di istruzione superiore G. C. Da Varano

- Second Level College of Science P.N.I.

PERSONAL SKILLS

Mother tongue(s) Italian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2
First Certificate in English					
German	A2	A2	A2	A2	A2

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
[Common European Framework of Reference for Languages](#)

Communication skills ▪ excellent contact skills gained working in an international research group and through my experience as volleyball coach.

Organisational / managerial skills ▪ good team-leading skills gained as volleyball coach

Digital competence

- good command of Microsoft Office™ tools certified by ECDL certificate.
- knowledge of Java, C++ and Fortran.
- good command of Matlab, Mathematica and Python.
- good command of Latex.

Driving licence B

ADDITIONAL INFORMATION

Poster M.Bawaj, P. Piergentili, F. Bonfigli, Muhammad Asjad, C. Biancofiore, M. Karuza, C. Molinelli, M. Galassi, P. Tombesi, N. Malossi, R. Natali, G. Di Giuseppe and D. Vitali.
Electro-opto-mechanics with SiN membranes
Frontiers of Opto- and Electro-mechanics workshop - Fai della Paganella, - Trento (Italy) - January 27-30, 2014

Paolo Piergentili, Mikhail Korobko, Sacha Kocsis, Roman Schnabel
Full laser noise characterization and stabilization at 1550 nm
636. WE - Heraeus - Seminar "Quantum-Limited Metrology and Sensing" - Bad Honnef (Germany) – February 5-9, 2017

Workshops Finite Element Modelling Workshop
Lausanne (Switzerland) – July 21-23, 2014

Diavolezza Annual Workshop
Diavolezza (Switzerland) – February 1-5, 2015

Seminars Levitation in (Quantum) Physics
Vienna (Austria) – May 14-15, 2015

636. WE - Heraeus - Seminar "Quantum-Limited Metrology and Sensing" - Bad Honnef (Germany) – February 5-9, 2017

Conferences Quantum Information and Measurement (QIM) - IV: Quantum Technologies
Paris (France), April 5-7, 2017
Talk: "Quantum-noise-limited continuous measurement in cavity optomechanics"