

## PERSONAL INFORMATION Paolo Piergentili

## 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.

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

2015 | [europass.cedefop.europa.eu](http://europass.cedefop.europa.eu)

#### ADDITIONAL INFORMATION

Italian

(Italy) - January 27-30, 2014

Paolo Piergentili, Mikhail Korobko, Sacha Kocsis, Roman Schnabel  
Full laser noise characterization and stabilization at 1550 nm

## Workshops

636. WE - Heraeus - Seminar "Quantum-Limited Metrology and Sensing" -  
Bad

Honnef (Germany) – February 5-9, 2017

## Seminars

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

## Conferences

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

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

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

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