

CURRICULUM VITAE ET STUDIORUM

LUCA SCHENATO

Personal Details

Gender: Male
Date of Birth: November 6, 1979
Place of birth: Soave, Italy
Present Citizenship: Italian
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Education

- 07/1998 High school diploma (Scientific Lycee) cum laude.
- 11/2003 Engineer habilitation granted by Engineers Association of Padova.
- 10/2003 Laurea Degree (5 years program, MSc equivalent) cum laude in Telecommunication Engineering (Specialization: "Optical Communication") at the University of Padova, Italy.
Thesis: Analysis of the transient behaviour of the Polarization Mode Dispersion in periodic spun fibers.

03/2007 Ph.D. degree in Electronic and Telecommunication Engineering at the University of Padova, Italy, Department of Information Engineering.
Project area: *Photonics and Electromagnetism in Telecommunication Engineering*.
Thesis: *Polarization mode dispersion in spun single-mode fibers*.

Fellowships

01/2007–03/2008 Research fellowship at the Dept. of Information Engineer of the University of Padova. Project title: Optical fiber for slow- and fast-light applications. Tutor: prof. A. Galtarossa.

04/2008–NOW Research fellowship at the Dept. of Information Engineer of the University of Padova. Project title: Reflectometric measurements for the characterization of optical fibers and fiber-based devices. Tutor: prof. M. Santagiustina.

Awards

2003 Awarded the “Antonio Sarpi” gold medal for the best graduate student of the Faculty of Engineering of the University of Padova for the academic year 2002/03.

2007 and 2008 In 2007 and 2008 he has been nominated for “C. Offelli Award” selection for best young researchers in the Department of Information Engineering, University of Padova.

International Experiences

04/2004–10/2004 Internship as visiting graduated student at the Gwangju Institute of Science and Technology, Gwangju, South Korea, in the framework of the Project of Particular Relevance “New Generation Fiber Optics and All-Fiber Devices” (2004-2006), established between the Italian Republic and the Republic of Korea. Italian supervisor: prof. A. Galtarossa. Korean supervisor: prof. U. C. Paek.

02/2006–08/2006 Internship as Research Scholar at Bell Labs (Lucent Technologies) in Holmdel, New Jersey, US. Research activity on parametric amplification in optical fiber (spun/unspun) affected by polarization mode dispersion. References: dr. R. Jopson, dr. C. J. McKinstrie.

Working Experiences

11/2003–12/2003 In charge of the project “Numerical calculation on PMD emulator data” by the Dept. of Information Engineering, University of Padova.

Teaching Experiences

- 05/2005–06/2005 Assistant activity in “Optical Circuit Laboratory” class (Telecommunication Engineer undergraduated course). Teacher: prof. Luca Palmieri.
- 04/2007–06/2007 Assistant activity in “Optical Circuit Laboratory” class (2nd Level Master of Applied Optics, University of Padova). Teacher: prof. Luca Palmieri.
- 01/2008–03/2008 Assistant activity in “Microwaves” and “Microwave devices” classes (Telecommunication and Electronic Engineer undergraduated course). Teacher: prof. Andrea Galtarossa.
- 05/2008–06/2008 Assistant activity in “Optical Circuit Laboratory” class (2nd Level Master of Applied Optics, University of Padova). Teacher: prof. Luca Palmieri.
- 10/2008–01/2009 Assistant activity in “Radio Technologies for Aerospace Engineering” class (Aerospace Engineer undergraduated course). Teacher: prof. Andrea Galtarossa.
- 05/2009–06/2009 Assistant activity in “Optical Circuit Laboratory” class (2nd Level Master of Applied Optics, University of Padova). Teacher: prof. Luca Palmieri.

Referee Activity

He is a referee for IEEE Journal of Lightwave Technology, Optics Express, Optics letters and Optical Fiber Technology.

Language Knowledge

Italian	Native
English	Fluently (read, written, spoken)

References

These persons are familiar with my professional qualifications and my character:

Prof. Andrea Galtarossa (Ph.D. advisor)

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