

CURRICULUM VITAE

COSIMO LACAVA (last update: 24/01/2011)

PERSONAL DATA

Name: COSIMO

Family name: LACAVA

Email: cosimo.lacava@gmail.com

Date of Birth: 20/10/1982

Place of birth: Grottaglie (TA) – Italy

EDUCATION

2004-2007: “Laurea” degree in Engineering of Information Technology curriculum “Electronics” at Politecnico di Bari with a dissertation on “ Solar cells for spatial application”. Grade: 110/110 cum laude.

2008-2010: “Laurea Specialistica” degree in Electronic Engineering curriculum “Optoelectronics” at University of Pavia with a dissertation on “Non linear effects in SLOT waveguides with silicon nanocrystals”. Grade: 110/110 cum laude.

WORKING AND TEACHING EXPERIENCES

2002-2004: responsible for network and computer for tax and business consulting office “Studio Russo & C srl” situated in Taranto - Italy

2005-2007: Tutor of Electronics for second Faculty of engineering (>100 h), Politecnico di Bari

2009 at present: Tutor of Physics for Faculty of Pharmacy and Faculty of Engineering (>150h), University of Pavia

2010 at present: Ph. D. student in Electronic Engineering at the University of Pavia, Dept. of Electronics

RESEARCH ACTIVITIES

The research activity carried out by Cosimo Lacava has mainly been devoted to the experimental investigation of semiconductor optical devices and integrated optics . In detail the research topics covered are:

- Integrated Optics with Silicon Photonics Technologies
- Investigation of SOI-based optical waveguide
- Non linear process in optical device for the development of optical integrated circuits