

FRANCESCO CALIVA'

17/04/1989

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EDUCATION AND RESEARCH EXPERIENCE

<i>may 2014 – present</i>	University of Lincoln Marie Curie Early Stage Researcher PhD in Computer Science Project title: “Retinal vascular measurement” Supervisor: Prof. Andrew Hunter, Dott. Bashir Al-Diri	Lincoln, United Kingdom
<i>sept 2011 – April 2014</i>	Politecnico di Milano Master degree in Biomedical Engineering, specializing in Biomechanics and Biomaterials Engineering. (Grade: 104/110) <i>Thesis:</i> PC-MRI-based study of the fluid-dynamics of the Aortic Root with Bicuspid Aortic Valve, through the design of a Matlab Tool. <i>Supervisor:</i> Prof. Mr. Alberto Redalli (alberto.redaelli@polimi.it).	Milano, Italy
<i>sept 2012 – mar 2013</i>	Keio University Exchange program Extra-EU. <i>Researcher</i> in MEMS-LabOnChip. Use and improvement of microfluidic devices for cell culturing at Sudo Laboratory. <i>Supervisor:</i> Prof. Mr Ryo Sudo (sudo@sd.keio.ac.jp).	Tokyo, Japan
<i>sept 2008 – sept 2011</i>	Politecnico di Milano Bachelor degree in Biomedical Engineering. <i>Thesis:</i> Evaluation of the variation of the muscular length due to the botulin toxin injection in children with cerebral palsy. <i>Supervisor:</i> Prof. Mrs. Manuela Galli (manuela.galli@polimi.it)	Milano, Italy
<i>June 2008</i>	Scientific high school ‘Antonio Meucci’ Scientific high school degree (Grade: 100/100)	Milazzo, Italy

PERSONAL SKILLS**Languages**

Italian	Mother tongue
Arbreshe	Mother tongue
English	Avanced
Japanese	Elementary

IT**Numerical computer environment** : Matlab**Software:** DicomWorks, Latex, Excel, Word, Power Point, Office.**Certificates***May2014*

IBT TOEFL (Score:88)

Mar 2013

Japanese Language level A (score A)..

*Jan 2014***University of Maryland, Central Park**

Developing Innovative Ideas for New Companies: The First Step in Entrepreneurship (with distinction). Course offered through Coursera.

EXPERIENCES*9 jun 2014 – 14 jun 2014***REVAMMAD training****Crete, Greece**

Image processing on retina: image analysis, lesion detection, retinal vessel detection and machine learning.

Microcirculation: network structures, problems in network modelling, mass transport in microcirculation, integrative adaptation of vascular function.

Media training: How to grant an interview for the general public; how to issue a press release.

*nov 2012 – mar 2013***Global village project****Chiba, Japan**

GV Leader.

The acceptance of Japan as an international city. The future of Japan under the theme of what Japanese people can be proud of Japan to a global world.

To help the young students to come up with their individual dreams.

Supervisor: Mr. Nicholas Hanpeter (hanpeternicholas37@mac.com) .*sept 2012 – mar 2013***Enjoy lessons****Yokohama, Japan***Teacher* of Italian and English for Japanese people.**Hobbies**

Swimming, cooking, jogging, football.