**PROFILE OF THE PROJECT COORDINATOR**

**Prof. Alessandro Torricelli**



***Curriculum Vitae et Studiorum*:**

* He was born in Modena (Italy) in 1968.
* In 1994 he graduated cum laude in Electronic Engineering at Politecnico di Milano.
* In 1999 he obtained the PhD title in Physics at Politecnico di Torino.
* Since March 2005 he has been associate professor in Experimental Physics at PoliMi.

***Research Activity:***

* Published more than 200 papers (more than 100 on international peer-reviewed journals).
* Presented more than 200 contributions to international congresses (more than 20 invited talks).
* Bibliometric indices: h-index 30, 2349 total citations by 1398 documents since 1996.
* Referee of international journals (e.g. Optics Letters, Optics Express, NeuroImage).
* Evaluator of international research proposals (e.g. Wellcome Trust, UK; Technology Foundation STW, The Netherlands; Harward Medical School, Massachusetts, USA).
* Member of Committee SC 62D “Medical devices” at Comitato Elettrotecnico Italiano, as national expert on tissue oximeter standardisation (since April 2012).

***Participation to Research Projects*:**

* DIFFRUIT - Diffuse Reflectance Spectroscopy for the Evaluation of Fruit Internal Quality EU\_FAIR
* project CT96-1060 - EU FP4 RTD 4 European partners, 1996/1998.
* MEDPHOT - Optical Methods for Medical Diagnosis and Monitoring of Diseases, EU FP5 – Thematic Network, QLG1-CT-2000-01464, 23 European partners, 2001/2004.
* OPTIMAMM - Optical Mammography: Imaging and characterisation of breast lesions by pulsed nearinfrared laser light" EU FP5 RTD, QLG1-CT-2000-00690, 9 European partners, 2001/2004.
* LaserLab-Europe, RII3-CT-2003-506350, Integrated Infrastructure Initiatives, EU FP6;LaserLab Europe II
* EU FP7 n° 228334, LaserLab Europe III EU FP7, n° 284464, 2004/2015.

***Management and Coordination of Research Projects:***

* Associate Coordinator, nEUROPt, Noninvasive imaging of brain function and disease by pulsed near infrared light, EU FP7 Cooperation STREP - HEALTH-2008-201076, 17 partners - 2008/2012.
* Project Manager and WP leader, InsideFood, Integrated sensing and imaging devices for designing, monitoring and controlling microstructure of foods - EU FP7 - Cooperation - STREP - FP7-KBBE-2008 - 2B - 226783, 12 partners - 2009/2013.
* Coordinator, TROPICO, Bilateral international project, Regione Lombardia, Italy, 4 partners, 2010/2012.
* Project Manager and WP leader, 3D Mosaic- Advanced Monitoring of Tree Crops for Optimized Management - ERANET ICT-AGRI - 95, 11 partners 2011/2013.
* Project Manager, USER-PA- Usability of Environmentally Sound and Reliable Techniques in Precision Agriculture - ERANET - ICT-AGRI, 11 European partners 2013/2015.