

## CURRICULUM VITAE

**Gabriella Cincotti**



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website: <http://photonics.uniroma3.it>
- Current position:** Professor in Bioengineering, University Roma Tre. Head of the Photonics Lab.
- Teaching:** ‘*Photonics*’ B.sc degree in Electronic Engineering, ‘*Biophotonics*’, M.sc degree in Biomedical Engineering, ‘*Bioimaging*’ Ph.D. course in Applied Electronics. Supervisor of 10<sup>+</sup> PhD students and post-docs, and tutor of 100<sup>+</sup> undergraduate students.
- Research topics:** Photonic waveguide-based devices, high-speed optical signal processing and bioimaging. 300<sup>+</sup> papers published in peer-reviewed journals and international conference proceedings.

### Main research projects over the last 10 years as Principal Investigator

- “*Adaptive Software Defined Terabit Transceiver for Flexible Optical Networks* **ASTRON**” EU FP7-ICT-2011-8 STREP (2012-2015).
- “*Optical Frequency/Wavelength Division Multiple Access Techniques For Next Generation Networks* **ROAD-NGN**” Italian National project PRIN (2011-2014).
- “*Studies on All optical Room-based OFDM by Crosstalk Analysis for Realistic Multi-carrier Detection* **STARBOARD**” Japanese Harmonized International R&D Promotion Programme (SHIP) (2012-2015).
- “*European Network for High Performance Integrated Microwave Photonics*” **COST** Action OC21529 (2016).
- MBSMART - Nuovo Dispositivo per l'analisi microbiologica di alimenti **POR FESR LAZIO** (2018-2019).
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### Chair and Program Committees of International Conferences over the last 10 years

- Italian Conference **FOTONICA**, since 2009.
- European Conference and Exhibition on Optical Communication **ECOC** 2010-2012. Chair of Subcommittee “*Access Networks*” in 2010 and 2011.
- Optical Network Design and Modelling **ONDM**, since 2011.
- Photonic in Switching **PS**, since 2011.

- Conference on Next-Generation Optical Communication: Components, Sub-Systems and Systems, **Photonics West** since 2012.
- Pacific Rim Conference on Lasers and Electro-Optics **CLEO-PR**, since 2012.
- International Conference on Optical Communication Systems **OPTICS**, since 2014.
- Optical Fiber Conference **OFC** 2016-2018.
- International Commission for Optics (**ICO**) 2017.

#### **Editorial assignments over the last 10 years**

- Guest Editor special issue ECOC 2011 **Optics Express** 2011.
- Editor **Journal of Communication Network**, since 2013.
- Topical Editor OSA **Optics Letters**, 2008-2014.
- Guest Editor special issue “*Next Generation Optical Access Network*” Elsevier **Optical Fiber Technology** 2015.
- Deputy Editor OSA **Optica** since 2017. Topical Editor 2015-2017.

#### **Associations:**

- IEEE Photonics Society Senior Member 2006, **Board of Governors** 2017-2019.
- Optical Society of America (OSA), **Fellow** for ‘*significant contributions to the development of passive waveguide-based, optical devices and systems, for advanced optical communications systems*’ 2014.

#### **Publications:**

ORCID <http://orcid.org/0000-0002-9139-1697>, Scopus Author ID 7006105313, ResearchID M-8852-2015. Scopus reports 100 papers in scientific peer-reviewed journals, 175 international conference proceedings (55 of them invited presentations), 2690 citations, h-index 29 (*June 2019*).