

TIZIANA TAMBOSSO
Candidate for IEEE Region 8 N&A Committee



BIOGRAPHY

Education:

1983 - Master degree with honors in Electronic Engineering
1988 - PhD in Optoelectronics
both from University of Pavia

Presently - consultant on innovative technologies in the field of Photonics/ITC and Technical Expert for European Commission, H2020 Program-SME Instrument.
2006-2018 co-founder of Tambosso & Associates (projects, technical studies and market analysis for small and medium companies)
2013-2014 Visiting Professor at Da-Yeh University, Taiwan, teaching master courses on Green Photonics and Laser Instrumentation
2006-2012 short courses, lectures and conferences at Italian and Foreign Universities.
1993- 2005 Head of Research Group and Project manager at CSELT-TILAB
1989-1993 Head of fiber optic devices group at SIRTI
1983-1985 Designer of integrated circuits at SGS Microelectronics
Author of about 80 journals and conference papers. She holds twelve patents.
1993 -1997 Secretary of IEC-SC86B and Vice-Chair (1996-1997)

IEEE ACTIVITIES (M'94, SM'02)

IEEE

- 2020-2021 member of IEEE N&A Committee

REGION 8

- June 2019 – Present Corresponding member of IEEE Region 8 Action for Industry Sub-Committee
- October 2015-March 2018 IEEE Photonics Society Representative in Region 8 (Europe-Middle-East and Africa) ChCSC (Chapter Coordinator Sub Committee)

ITALY SECTION

- Jan. 2019 – Present Awards & Recognitions Committee Coordinator of IEEE Italy Section
- Sept. 2016 – Dec. 2018 Chair of IEEE Italy Section (>5000 members), 40 Chapters, 3 Affinity Groups, 22 Student Branches;
- July 2014-August 2016 Vice-Chair IEEE Italy Section
- 2010-2016 Program Committee Chair of IEEE Italy Section
- 2010-2016 Chapter Activity Coordinator of IEEE Italy Section
- 2006-2010 Electronic Communication Coordinator of IEEE Italy Section

CHAPTER

- 2002-2012 Chairperson of the IEEE-LEOS (now Photonics) Italian Chapter (150 members),
- 1998-2001 Secretary of IEEE-LEOS Italian Chapter

IEEE PHOTONICS SOCIETY

- March 2014- Dec. 2015 AVP for Global Strategy of IEEE Photonic Society Membership Council

CONFERENCES

- General Chair of IEEE International Conferences: IEEE MELECON 2020, IEEE RTSI2018, IEEE RTSI2017, WFOPC2000)
- TPC Chair: IEEE RTSI2016, IEEE RTSI2015, WFOPC1998
- Steering Committee Chair: IEEE RTSI2019, IEEE RTSI2020
- General Chair of IEEE Summer schools: SSIE2019, SSIE2020

22 MAY 2020

AWARDS

As Chapter chair of the LEOS/ Photonics Chapter (10 years) I was awarded five times from the Society and from R8 as chapter of the year (2002, 2007, 2008), most innovative chapter (2002) and most improved chapter (2010).

During my chairmanship the Italy Section received the Outstanding Section Membership Recruitment Performance recognition twice and the best section of the year from R8.

QUALIFICATIONS

My long experience (20 years) as IEEE volunteer in different leadership roles and my participation in the activity of the IEEE N&A Committee makes myself a good candidate for the position of member of Region 8 N&A committee.

MAJOR ACCOMPLISHMENTS

During two years of IEEE Italy Section chairmanship:

- membership increases from 4978 (Dec. 2016) to 5315 (Dec. 2018)
- Section was official recognized and registered (Jan. 2018) as Italian not for profit scientific Association.
- +4 chapters, +WIE-AG , +4 SBs, +4 SBCs , +2 SB WIE AGs
- new Section awards: Honorary, Distinguished Service, Industrial Distinguished Lecturer 4 awards for Chapters and AGs, 4 awards for SBs, awards sponsored by industries.
- signed two National Association Agreements
- Dec. 4th, 2018 celebration of the Milestone to Pacinotti
- 4 IEEE International conferences (100% financially sponsored by Italy Section) in 2018.

POSITION STATEMENT

I will recommend the most qualified individuals for the open positions trying to maintain a good mix of gender, nationalities and different work experiences (i.e. industrial, academic, professional), always applying the IEEE Policies and code of ethics.