

PALUMBO Gaetano brief CV

Education

1988 Degree in Electrical Engineering University of Catania (Italy)
1993 PhD in Electrical Engineering – University of Catania (Italy)

Current Positions

Since 2000 Full Professor of Electronics (SSD: ING-INF/01) at Univ. of Catania (Italy).

Previous and other Positions

- 2009 - 2014: CEO of academic spin off “MicroSensor srl”, Catania (Italy);
- 1998 – 2000: Associate Professor at Univ. of Catania (Italy);
- 1993 - 1998: Assistant Professor at Univ. of Catania (Italy);

Scientific Publications

His main field of research is electronic circuits with emphasis on microelectronics.

- H-index Scopus : 40;
- Scopus number of citations: 5850;
- 200 International Journal papers;
- 240 Conference paper (with referee);
- 5 Books;
- 4 Books chapter;
- 6 US Patents.

Fellowship & Awards

- 2007: IEEE Fellow “For contributions to analysis and design of high-performance analog and digital circuits”;
- 2006: IEEE-PRIME Silver Leaf Award;
- 2003: IEEE Darlington award (best paper bridging the gap between theory and practice published in IEEE Trans. on CAS Part I or Part II, during the two calendar years preceding the award);
- 1999: MIXDES'99 best paper award.

Editorial Activities

- 2019 - now: Editorial Board of the open access journal Electronics;
- 2008 - 2011: Associate Editor - IEEE Transactions on Circuits & Systems - part I;
- 2006 - 2007: Associate Editor - IEEE Transactions on Circuits & Systems - part II;
- 2004 - 2005: Associate Editor - IEEE Transactions on Circuits & Systems - part I;
- 1999 - 2001: Associate Editor - IEEE Transactions on Circuits & Systems - part I.

Scientific Events Organization and Committee

- 2018: Tutorial co-Chair of the IEEE ISCAS 2018 Conferences;
- 2017: General co-Chair of the IEEE PRIME 2017 Conferences;
- 2003-now: member of the VLSI systems and applications Technical Committee of the IEEE CAS society;
- 2002-now: member of the Analog Signal Processing Technical Committee of the IEEE CAS society;
- 2002-now: IEEE ISCAS Review Committee Member;

- Technical Program Committee and Scientific Committee member of: ICECS 2019, PRIME 2019, ICECS 2018, ECCTD 2015, PRIME 2013, ECCTD 2013, ECCTD 2011, WISES 10, WISES 09, ECCTD 2009, ECCTD 2007, PRIME 2007, PRIME 2006, ECCTD 2005, ACM'02, ELECO'2003.

Institutional Responsibilities and other

- 2016: Chair of the IEEE CASS Committee for evaluation of the Fellow Nomination;
- 2015: panelist of GEV (Group of Evaluation Expert) in the scientific area 09 - industrial and information engineering of the ANVUR for VQR (Evaluation of Italian Research Quality) 2011-2014. Aim to evaluate the Italian research in the above area for 2011-2014;
- 2014 - 2020 member of the board of association GE (Gruppo Italiano di Elettronica), now named SIE (Società Italiana di Elettronica). Re-elected in the 2018-2020 was the vice-chair.
- 2012 - 2013: member of the commission for the national scientific qualification of associate and full professor
- 2011 - 2010: member of the committee of IEEE Fellow commission;
- 2011 - 2013: member of the Board of Governors of IEEE Circuits and Systems Society;
- 2008: member of the committee of IEEE CASS Meritorious Service Award;
- 2007 - 2008: chair of the Scientific Advisory Board for area 09 - industrial and information engineering of the University of Catania 2006-12 member of the Nucleo di Valutazione of the University of Catania,
- 2005: panelist (of 12) in the scientific-disciplinary area 09 - industrial and information engineering of the CIVR, (Committee for Evaluation of Italian Research), evaluation of the Italian research in the above area for 2001-2003;
- 2005 - 2006: member of the Scientific Advisory Board for area 09 - industrial and information engineering of the University of Catania.

Main research project responsibilities and company contracts

- 2009 – 2012: sub-project leader in “Energetics” founded by Italian Research Minister (project code PON02_00355_3391233) , macro-area “Sistemi hardware ad alta efficienza energetica” (which included three main O.R.)
- 2011 – 2014: each year a grant of 10 k€ by Micron Technology Foundation;
- 2009 – 2012: project leader of “Sensoristica Innovativa basata su Microdispositivi Ottici” funded by Italian Research Minister, amount 770 k€ (D.D. n. 1030/Ric del 13 ottobre 2008)
- 2000 – 2007: various research contracts with with STMicroelectronics, Catania site;
- 2000: research contract with Tecnos Media srl

Teaching Activities

- Since 1993: Academic regular courses in Analog Electronics, Microelectronics, Digital Electronics and Electronic Devices;
- 1996: General chairman of the course “Tecnico CAD-CAE di Schede Elettroniche” funded by European Commission;
- 1999 - 2000: Advanced courses at Scuola Superiore di Catania,
- 2002 - 09: Advanced courses at SISIS,
- 2000: Advanced course at STMicroelectronics.