

TAB HALL OF HONOR RECIPIENT NOMINATION FORM



CANDIDATE NAME: VINCENZO PIURI

BIOGRAPHY: Ph.D. in computer engineering at Politecnico di Milano, Italy (1989). He is Full Professor in computer engineering at the Università degli Studi di Milano, Italy (since 2000). He has been Visiting Professor at the University of Texas at Austin and at George Mason University, USA.

His main research interests are: artificial intelligence, computational intelligence, intelligent systems, machine learning, pattern analysis and recognition, signal and image processing, biometrics, intelligent measurement systems, industrial applications, digital processing architectures, fault tolerance, dependability, and cloud computing infrastructures. Original results have been

published in 400+ papers in international journals, proceedings of international conferences, books, and book chapters. He is Fellow of the IEEE and Distinguished Scientist of ACM.

He received the IEEE Instrumentation and Measurement Society Technical Award (2002). He is Honorary Professor at: Obuda University, Hungary; Guangdong University of Petrochemical Technology, China; Northeastern University, China; Muroran Institute of Technology, Japan; and the Amity University, India.

CITATION: *For promoting holistic cooperation within TAB and across IEEE Operating Units.*

DESCRIPTION OF ACCOMPLISHMENT(S) RELATIVE TO MAJOR CONTRIBUTION(S) TO IEEE TECHNICAL ACTIVITIES

Vincenzo Piuri strongly promoted cooperation across TAB and IEEE by stimulating mutual understanding and nurturing joint activities. In particular, he:

- significantly advanced TAB strategic planning by refocusing on nurturing the global scientific, technical, and professional community with strong local roots, ensuring integration and synergies with S/Cs as well as impact and coordination the IEEE strategic planning and the MGA strategic planning;
- promoted standards development, education, and use as TAB-wide activity, by establishing, with SA support, the AdHoc Committee on Standards Activities (which become a TAB SPC Standing Committee) to facilitate and coordinate interaction with and among S/Cs and SA;
- reinforced and stabilized entrepreneurship support as TAB-based IEEE-wide activity by establishing the AdHoc Committee on Entrepreneurship in TAB, after

the one-year experiment done by the IEEE Board of Directors at IEEE-level in 2014, which become a TAB SPC Standing Committee;

- promoted synergetic promotion and dissemination of educational activities as TAB-wide activity, by establishing, with EAB support, the AdHoc Committee on Education (which become a TAB SPC Standing Committee) to facilitate and coordinate interaction with and among S/Cs and EAB;
- established periodic opportunities for informal analysis and discussion of issues, needs, and aspirations among Divisions and with MGA;
- created the IEEE Environmental Engineering Technical Community, as cooperative effort of 23 S/Cs, SA, MGA, and EAB, and with connections to various IEEE Standing Committees;
- revitalized and clarified the role of TAB representatives as strong bidirectional conduit of needs, aspirations, and activities, reinforcing interaction TAB;
- established a collaborative efforts across all Major Boards and Standing/Ad-Hoc Committees of the Board of Directors to define, holistically and collectively, the technical program of the 2017 IEEE Sections Congress, as an opportunity for all OUs to better understand each other and cooperate synergically.

DATE(S) OF ACCOMPLISHMENT(S): 2014-2016

RELEVANT IEEE ACTIVITIES:

COMMITTEES/BOARDS: IEEE Technical Activities Board (TAB), Chair, 2015, Member, 2016, 2010-12, 2006-07; IEEE TAB Past Chair, 2016; IEEE TAB Strategic Planning Committee Chair, 2016; IEEE AdHoc Committee on Strategic Planning, Member, 2016; IEEE Vice President for Technical Activities, 2015; IEEE TAB Chair-Elect, 2014; IEEE Board of Directors, Member, 2015, 2010-12; IEEE Division X Director/Delegate, 2010-12; IEEE Environmental Engineering Technical Community, Co-Chair, 2016-2019.

CONFERENCES: IEEE International Conference on Environmental Engineering, General Co-Chair, 2018; IEEE Sections Congress, Program Chair, 2017.

OTHERS: IEEE Systems Journal, Editor-in-Chief, 2013-19.