Constantin Bulucea, PhD

Honorary Member of the Romanian Academy
IEEE Life Fellow

Member ARA since: 2014
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Discipline: Electrical Engineering

INTERESTS: Science and Technology, Classical Music

EXPERIENCE: 50 years of research and development in the field of *Semiconductor Technology*, particularly in the areas of *Device Physics and Engineering* (1962-1980), *Power Field-Effect Transistors* (1987-1990, 2011-2012), and of *VLSI Technology* (1991-2010).

AWARDS (SELECTED)

- Member of the Honorary Advisory Board, *Solid-State Electronics* (1974-2013)

- Founding Chairman, *Conferinta Anuala de Semiconductoare* (CAS), Romania, currently an International IEEE event (1978-1986)

- Scientific Director, Director, *R&D Institute of Electronic Components* (ICCE) Bucharest, Romania (1974-1986)

- *IEEE Fellow* "for contributions to transistor engineering in the field of power electronics" (2004)

- *IEEE Life Fellow* (2013)

- National Semiconductor *Patent of the Year*, First Place (1996)

- *Vice Chairman*, *Chairman*, Advanced Devices and Technologies Thrust, *Semiconductor Research Corporation* (Industry-University Consortium, USA), *SRC* (2003, 2004)

- Editor, *IEEE Electron Devices Letters* (2005-2012)

- Member of the Technical Committee, *IEEE Bipolar Circuits and Technology Meeting, BCTM* (2001-2005)

- Member of the Technical Committee, *IEEE VLSI Technology Symposium* (2004-2007)

- *Chief Technologist*, *National Semiconductor*, Santa Clara, California (2008-2011)

- *Distinguished Member of the Technical Staff*, *Texas Instruments*, Santa Clara, California (2011 - 2012)

PUBLICATIONS (SELECTED):

- 35 papers published in major international journals and conference proceedings

- 66 issued US patents

Note - More detailed information, including complete lists of above counted papers, books, and patents, has been provided in the "Membership Application Form" document of 26 February 2014, re-attached.