

## TAB HALL OF HONOR RECIPIENT NOMINATION FORM



**CANDIDATE NAME:** JOHN T. BARR

**BIOGRAPHY:** John Barr received a BSEE from Georgia Institute of Technology in 1971, a MSEE in 1974 from Stanford University and a MS in Engineering Management in 1982, from Stanford. Co-Op at Scientific Atlanta 1967-70. Retired after 37 years from Agilent Technologies / Hewlett-Packard in 2008. He served in various engineering R&D roles, including as the R&D Manager/Director for Agilent's Wireless Semiconductor Test Solutions. Later served as Agilent's EEsof Product Marketing Manager for RFIC EDA.

John's technical activities started with the development and design of RF & Microwave component measurement systems, including design of RF downconvertors, IF detectors and automation of these systems. This work in conventional and six-port network analyzers led to five patents and ten published papers covering vector error correction, time domain conversion and multiparameter measurement systems. This evolved into a concentration in the development of high throughput manufacturing semiconductor test systems for RFICs and wireless communications ICs.

**CITATION:** *For service as TAB Treasurer.*

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

As TAB Treasurer John recognized the challenges in understanding TAB's finances could only be addressed by increasing transparency in IEEE finances. He became a candidate for IEEE Treasurer, and served in that role, with mission to increase transparency. An effort that continues today.

John has served TAB in many additional roles, and continues to volunteer in TAB. He has served in TMC, FinCom, Conferences Committee (currently member at large and Chair of Conference Finances Committee). He has also chaired Products and Services (joint TAB/PSC) and is currently chair of its Ideation Committee.

### **DATE(S) OF ACCOMPLISHMENT(S):**

2009-2012 (TAB Treasurer)  
2013-2014 (IEEE Treasurer)

### **RELEVANT IEEE ACTIVITIES:**

**IEEE Board of Directors:** Member 2013-2014; IEEE Treasurer 2013-2014; IEEE FinCom 2007- 2016; Investment Committee 2010-2014; Ideation Committee 2013-2016; Conference Financial Management (Remediation) Member 2018-2019.

**Technical Activities Board (TAB):** Member 2002, 2005-2006, 2009-2012; TAB Treasurer 2009-2012; TAB FinCom 2005-2015; TAB Management Committee 2005, 2009-2012; Conference Finances Chair, 2016-2019; Conferences Committee Member at Large 2019

**TAB/PSPB Products & Services:** Member 2002-2006, Chair 2005-2006; Ideation Committee, Chair 2019

**Publication Services and Products Board (PSPB):** Member 2005-2008; Finance Chair 2007-2008; Vice-Chair 2006; PSPB Strategic Planning 2005-2008;

**MGA** Individual Benefits and Services 2013. Chair IEEE Redwood Empire Subsection: Co-Founder 1982, Chair 1984, Program Chair 1985- 1986 Georgia Tech Student Chapter, Vice-Chair 1970-1971 Microwave Theory and Techniques Society (MTT-S)

**MTT Society:** AdCom 1994-2005 President 2002, Vice-President 2001, Treasurer 1998-2000 Numerous chair roles: Membership Development 1992-1993; Membership Services 1994-1995; Operations 1996-1997; Long Range Planning 2004; Conferences 2008; Memorials 2014-2016; Parliamentarian 2014-2016 T-MTT & L-MWC Reviewer 1986-Present; member of "Instrumentation and Measurement Society" and "Society on Social Implications of Technology" International Microwave Symposium (IMS) 2006 General Chair; IMS Steering Committee member 1984,1996,2006 & 2016; Radio & Wireless Week (RWW) 2012 General Chair; RWW2011 TPC Chair; IMS TPRC (Microwave Measurements) 1990- 2001, 2008-2015; IMS Technical Session Chair - multiple times

**Misc:** Finance Chair for 2016 IEEE Technology Time Machine Conference IEEE Fellow 2002; IEEE-Stds-378 Scattering Coefficient Measurements 1988-1992; IEEE Joseph F. Keithley Award Committee 2005-2008 Region(s): Region 6