2017 TAB HALL OF HONOR RECIPIENT NOMINATION FORM

CANDIDATE NAME: Emily Sopensky

BIOGRAPHY: A business consultant, Emily Sopensky specializes in strategies for technology companies. After 20 years in Central Texas, she became the second IEEE-USA Fellow to the U.S. State Department in Washington, DC. Her technology focus has been Internet and web development as well as radio frequency identification. From 1995, she worked with Texas Instruments on RFID and their burgeoning RFID product lines, beginning with intelligent transportation systems. After moving to the DC area, she co-founded a consortium dedicated to the use of wireless digital technology in healthcare in 2008. With the Intelligent Healthcare Association, she now chairs the Awards program to recognize healthcare facilities and providers using these technologies to contain cost and improve patient safety. Ms. Sopensky, a Wharton MBA, receives her technology training on the job and through IEEE.

CITATION: For championing and engaging cross-IEEE interests in emerging technologies, including intelligent transportation systems and radio frequency identification.

DESCRIPTION OF ACCOMPLISHMENT(S) RELATIVE TO THE CREATION, DEVELOPMENT, OR ADVANCEMENT OF THE TECHNICAL OBJECTIVES OF THE IEEE:

- Employed to assist senior engineers developing new RFID-products, Emily joined a new IEEE ad hoc on intelligent transportation systems to learn about the emerging applications and industry. As the Publications Chair for their first conference, she undertook an excom position with the committee, then with the subsequent council and society, each of which she helped form.
- Guided IEEE's interests in RFID technology through policy development. She led a team that wrote two IEEE-USA position statements on RFID and she led IEEE's interests with the US Senate bipartisan RFID Caucus.
- As the RFID Lead, New Technologies Development Committee (NDTC), Emily developed the action plan that led to the first international IEEE RFID technical conference (2007), which she chaired; sponsored by the NDTC, IEEE-USA, and Region 5; with 9 society technical co-sponsors. This US-based annual series is now in its 11th year.
- Engaged interested parties to begin another conference series, now in its 8th year, for venues alternating between Asia and Europe.
- Given the broad-based IEEE interest in RFID, she proposed a periodical dedicated to curating Xplore articles on RFID. The *RFID Virtual Journal* is now in its 4th year.
- Guided the acceptance of the *Journal on RFID*, an achievable periodical debuting in 2017.

- Shepherded the TAB technical committee to become a provisional council in 2015 with 15 member societies. The Council has 3 chapters and 9 distinguished lecturers; 2 flagship conferences, and one achievable journal and one virtual journal. Membership in the community is 4-5000. The purpose of the Council is to streamline avenues for the exchange of technical information for industrial and public communities in RFID technologies, and to bridge physical to the digital.

DATE(S) OF ACCOMPLISHMENT(S):

1998-Present. Intelligent Transportation Systems and related RFID interests.
    1998. Committee founding member; Secretary/Treasurer.
    2001-02. ITS Council Vice President–Finance
    1999-2000, 2003. ITS Council Secretary
    2004. ITS Council, Vice President–Publications
    2013-2015. Intelligent Transportation Systems Society, Board of Governors

2003-Present. IEEEUSA Committee on Communications Policy, Chair (2006-07); Vice Chair (2008), RFID Policy Lead (2005-08)
2006-08 TAB New Technology Directions, RFID Lead

2008-2015. IEEE Technical Committee on RFID, co-founder (2008); Secretary-Treasurer (2013-14); Chair (2015)
2012 Launch of RFID Virtual Journal, after two other virtual journals approved
2015, June. Council on RFID voted as provisional council
2015-2017. IEEE Council on RFID, President

RELEVANT IEEE ACTIVITIES:

See Dates of Accomplishments for relevant positions/dates of service. In addition:

IEEE CONFERENCES
2017. RFID 2017 (Phoenix), Patrons Chair;
2017. RFID Technology and Applications 2017 (RFID-TA 2017) (Warsaw) Vice Chair
2016. RFID-TA 2016 (Foshan, PRC) Vice Chair
2013. RFID-TA 2013 (Malaysia) Vice Chair
2010. RFID-TA 2010 (Guangzhou) Vice Chair
2009. RFID 2009 (Orlando) Publications Chair
2008. RFID 2008 General Chair
2007 RFID 2007 General Chair
2007. Intelligent Transportations Systems Conference (ITSC'07) Publicity Chair
2006. ITSC'06, Publications Chair
2004. ITSC'04, Publications Chair
2004. IEEE Intelligent Vehicles Symposium, Finance Chair
1997. ITSC'97, Publications Chair
SECTION
2014-2017 Northern Virginia Section Director. Recruited chapters to request CRFID Distinguished Lecturers.

AWARDS

2009 IEEE New Technology Directions Committee and Committee on RFID Award "significant and outstanding contributions" for creating the International IEEE Technical Conference on RFID.

2008 IEEE-USA Professional Achievement for Individuals Award for promoting the IEEE-USA Congressional Fellows Program and efforts in developing technology policies

2008 IEEE New Initiatives Committee seed grant to help establish IEEE's RFID commitment.

2007 IEEE-USA Special Citation. Recognized by IEEEUSA for organizing and chairing the first IEEE RFID technical conference in 2007.

2006 Intelligent Transportation Systems Society. Significant contributions as founding member and officer.

2001 Intelligent Transportation Systems Council; Contributions during the formative years.