

TAB HALL OF HONOR RECIPIENT NOMINATION FORM



CANDIDATE NAME: RICHARD V COX

BIOGRAPHY: Rich Cox earned the Ph.D. in Electrical Engineering from Princeton University. He spent 29 years at AT&T Bell Labs and AT&T Labs beginning in 1979. In 2000, he became the Vice President of the Speech and Image Processing Services Research Lab where he was responsible for all research in speech, audio, image, video, and multimedia processing. He retired from AT&T in 2008. In 2009, he returned to research at the Johns Hopkins University Human Language Technology Center of Excellence as a Principal Research Scientist. From December 2011 through August 2017, he was also the Director. While at the center he

was also a Research Professor in the Electrical & Computer Engineering Department. He retired in 2018.

CITATION:

For creating a model for shared governance of TAB publications by multiple societies.

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

The *IEEE Transactions on Multimedia* is co-sponsored by four societies (SPS, CAS, CS and ComSoc). It originated when CAS and SPS independently submitted proposals to create such a Transactions. Two different versions were submitted to TAB at the same time. Dr. Cox presented the SPS version, and Dr. Yih-Fang Huang presented the CAS version. It was later opened to other societies at the recommendation of TAB. Drs. Cox and Huang took the lead and produced a written agreement that all four societies agreed upon.

The agreement contained all the details on how the publication would be produced and run by the sponsoring societies and the fair procedures they developed regarding rotation of EICs, distribution of AEs, processing of manuscripts, an oversight Board and the rotation of its chairmanship, etc. This agreement set a precedent. Many of the ideas and procedures were put to use by Dr. Cox for two other Transactions. The first was establishing the *IEEE Transactions on Wireless Communications*, a joint publication by COMSOC and SPS. Dr. Cox was the negotiator for SPS. The second was the *IEEE Transactions on Medical Imaging*, which was already in existence. Its four sponsors were EMBS, NPS, UFFC, and SPS. TAB required that a written agreement was needed and must be made because all joint publications now had to have them. The four societies were not equal partners. EMBS and one other society had two votes while SPS and the remaining society only had one. TAB permitted them to retain this unequal partnership but would not sanction any additional unequal partnerships. Dr. Cox worked with the other 3 partners' representatives and they came to an agreement. This ended a number of years of quibbling and acrimony between the partners. These agreements have provided the template for many other jointly sponsored TAB publications.

DATE(S) OF ACCOMPLISHMENT(S):

1997 - 2001

RELEVANT IEEE ACTIVITIES:

Dr. Cox has a long history of service in IEEE Technical Activities. His hard work in the several Technical Activities roles he held resulted in positive and impactful outcomes. These different and diverse roles are listed below.

At the time of the accomplishment described above, he was first SPS VP Publications and later SPS President-elect.

Primary Society: Signal Processing Society Positions

President, 2002-2003

President-elect, 2000-2001

VP Publications, 1997-1999

VP Finance, 1992-1995

Chair, Nominations and Awards Committee, 2004-2005

Chair, Fellow Evaluation Committee, 2008-2010

Chair, Speech Processing Technical Committee, 1990-1991, member 1987-1989

Secondary Society: Communications Society Positions

Member, Fellow Evaluation Committee, 1999-2001, 2004-2005

Member, Strategic Planning Committee, 2016-2017

IEEE TAB Positions

Member, 2002-2003, 2006-2007, 2009

Chair, TAB Nominations & Appointments Committee, 2009

Chair TAB Ethics & Conflict Resolution Committee, 2008-2009

Member, TAB Finance Committee, 2006-2007, 2011-2012

Member, TAB Management Committee, 2012-2014

Member, TAB Strategic Planning Committee, 2015-2017

Member TAB Products Committee, 2002

Member TAB Ad-Hoc Structure Committee, 2010-2011

Co-Chair, TAB Ad-Hoc Committee on Attracting Industrial Members, 2012-2013

Member, TAB Hall of Honor Committee, 2013-2017