



### **SAIFUR RAHMAN**

Saifur Rahman is the founding director of the Advanced Research Institute at Virginia Tech where he is the Joseph R. Loring professor of electrical and computer engineering. He is a Fellow of the IEEE and an IEEE Millennium Medal winner. He is the founding editor-in-chief of the IEEE Electrification Magazine and the IEEE Transactions on Sustainable Energy. He has served as a vice president of the IEEE Power and Energy Society (PES) from 2008 to 2013. In 2006 he served on the IEEE Board of Directors as the chair of the publications board. He served as the chair of the US National Science Foundation Advisory Committee for International Science and Engineering from 2010 to 2013. He is a Distinguished Lecturer for the IEEE PES, and has lectured on smart grid, energy efficient lighting solutions, renewable energy, demand response, distributed generation and critical infrastructure protection topics in over 30 countries.

#### **CITATION:**

Sustained contributions to the quality improvement of IEEE Publications and the development of diverse products for IEEE.

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

In addition to his academic responsibilities at Virginia Tech, Professor Saifur Rahman has organized conferences on renewable energy, smart grid, hydrogen economy, energy efficiency, power systems and the environment for IEEE in the US and in many other countries. The most recent ones are the IEEE PES Innovative Smart Grid Technologies conferences in Washington, DC in 2013, 2014 and 2015 (planned). He has focused on issues ranging from conference finances, IP generation, preparation of Xplore compliant papers (pdf Express, etc.), conference closing and revenue distribution. As the chair of the PSPB Ad hoc Committee (2012-2013) on Conference Quality, and the past chair (2007-2010) of the TAB/PSPB Products and Services Committee he has worked very closely with many IEEE societies about their publications and conference portfolios, specifically how to ensure quality of content that goes into the IEEE Xplore platform. These activities have helped to maintain and improve the quality and the integrity of the articles in IEEE Xplore, which in turn helps the revenue generated by TAB.

#### **RELEVANT IEEE ACTIVITIES:**

**2012-2013** As the vice president for publications for the IEEE Power & Energy Society he helped launch the IEEE Electrification Magazine and the IEEE Power &

Energy Technology Systems Journal, a topical open access publication for IEEE.

**2007-2010** As chair of the TAB/PSPB Products and Services Committee he helped to develop the metrics and guidelines to include non-IEEE periodical content (e.g, IBM, American Inst of Physics) in IEEE Xplore, helped with the development of a No-Show policy for conference papers and helped to develop and implement the algorithm to distribute revenue from conference publications.

**2008-2011** As the vice president of New Initiatives and Outreach for IEEE PES, he formalized the metrics and policy for technical co-sponsorship of non-IEEE conferences. During the last two years he had arranged to have six such conferences co-sponsored by PES thereby contributing fully reviewed technical papers into IEEE Xplore.

**2006** As the vice president of the Products Services and Publications Board (PSPB) and a member of IEEE Board of Directors, he focused on diversifying the revenue generation from publications in the light of "Open Access". He led the IEEE publications staff in several studies to develop products beyond pdf articles in journals and magazines.

**2004-2005** As the chair of TAB Periodicals Committee, he helped to streamline the submission and review process for new periodicals approval request. He also helped to develop metrics for evaluating the effectiveness of periodicals in meeting the expectations of peer groups.

**2001-2003** As the VP of Publications for the IEEE Power & Energy Society his greatest achievement was reducing the time to review. He set a target of 90% of the papers submitted to be given a decision in 90 days, and by the end of his term in 2003, PES was within 80% of this goal.