ROBBY ROBSON
(Nominated by IEEE Standards Association)

Co-Founder and CEO
Eduworks Corporation
Corvallis, Oregon, USA
www.robbyrobson.com/IEEESA

Biography

Robby received his Ph.D. from Stanford in 1981, joined the mathematics faculty at Oregon State University in 1984, was an Alexander von Humboldt fellow, and received tenure in 1989. In 1995 he co-created one of the first online learning systems and moved to industry as Saba Software's "standards evangelist" in 2000. In 2001 he co-founded Eduworks Corporation, a company that applies AI to education, training, and workforce development, where he is CEO. Since 2000, Robby has chaired Working Groups and two standards committees and served on multiple IEEE-SA boards and standing committees. Within the Computer Society he helped launch new standards committees in AI, Blockchain, Smart Manufacturing, and Data Compression. As a member of the IEEE-SA Standards Board and Board of Governors he was instrumental in launching IEEE-SA Open. Robby has worked on standards in the W3C, CEN/ISSS, and ISO/IEC JTC1 SC36 and has over 100 publications and three patents.

IEEE Accomplishments and Activities

Computer Society Standards: Robby joined the IEEE in 1998 and has been active in standards since 2000. As Chair and Vice Chair of the Learning Technology (C/LT) Standards Committee he developed standards critical to the global ELearning industry. As Vice Chair of the Computer Society Standards Activity Board, Robby worked with leaders from 802, Software Engineering, Design Automation, and other Computer Society standards committees. He chairs the C/SAB standards committee that mentors and manages work not covered elsewhere in the Computer Society. This committee generated five new IEEE standards committees in emerging technology areas since 2019 and as of 2021 had 31 projects with working group chairs from the US, Italy, Korea, China, and India.

IEEE-SA and IEEE Governance: Robby has served on the IEEE SA Standards Board (SASB), SA Board of Governors (BoG), NesCom, RevCom, ICCom, and PatCom, the Corporate Advisory Group (CAG), the Education Activity Board (EAB) Continuing Education Committee, TAB Committee on Standards, and the IEEE Future Directions Committee. Robby oversaw the development of Open Source for the BoG and has chaired the Open-Source Committee (OSCom) since its inception. He now chairs the Market Incubation and Business Acceleration SMDC, responsible for overseeing business aspects of IEEE SA Open. In 2019, Robby was appointed chair of the EAB/SA Standards Education Committee. He revitalized the committee, strengthened connections with TAB, and facilitated development of *Working Group Chair Fundamentals*, the number one title on the IEEE Learning Network in 2020. Robby has published articles on standards and open source in *Computer* magazine and has presented at IEEE conferences. He was a founder and the first conference chair for the IEEE Industry Connections Industry Consortium on Learning Engineering (ICICLE), which attracted 600 members its first year, and is a founding board member of the IEEE ISTO Adaptive Instructional System consortium.

Statement

IEEE-SA members are the leading producers of market-driven open consensus standards that impact every aspect of our lives. We have helped launch entire industries and contribute significantly to the IEEE mission. To sustain and build on this success, the IEEE-SA must serve a greater number of IEEE societies, geographies, industries, and communities while increasing support for members and working groups with tools and staff. In the aftermath of a pandemic and in the face of rapid social, economic, and technological change, this will require agility, invention, collaboration, and hard work.

I am passionate about the IEEE-SA and honored by the opportunity to lead it. I bring standards experience, business and leadership skills, and a record of successfully launching and managing initiatives within the Computer Society and IEEE-SA. As IEEE-SA President-Elect, I will collaborate with industry, IEEE OUs, and global stakeholders to ensure our value is recognized and promoted. I will advocate for volunteers, increase openness and transparency, support new and existing technical areas, and strive to create high-quality market-relevant products and services that expand our reach, support our work, and secure the future of IEEE-SA. I ask for your vote so that I may have the privilege of doing this.