Stanford

Marina Bosi-Goldberg

Affiliate, Music

Bio

BIO

Marina Bosi started her career as musician, performing and teaching at the Venice National Conservatory of Music, Italy, and spending about two years as a chargée de recherche at IRCAM, Paris, where she completed her thesis in Physics. She is currently Consulting Professor in the Music Department at Stanford University and is also a founding member and director of the Digital Media Project, a non-profit organization that promotes successful development, deployment, and use of Digital Media. Previously, Dr. Bosi was Chief Technology Officer of MPEG LA®, a firm specializing in the licensing of multimedia technology; VP-Technology, Standards and Strategies at Digital Theater Systems (DTS); was part of the research team at Dolby Laboratories that developed AC-3 (aka Dolby Digital) and where she also led the MPEG-2 AAC (the core coding technology used in Apple's iTunes, etc.) development for which she received the ISO/IEC 1997 Project Editor award; DSP Engineer at Digidesign where she designed and implemented real-time DSP modules for Sound Designer II (the precursor of Pro Tools). Dr. Bosi has been actively involved in the development of standards for audio and video coding and for managing digital content, contributing to the work of ANSI, ATSC, DVD Forum, DVB, ISO/IEC MPEG, SDMI, and SMPTE. A past President of the Audio Engineering Society (AES), Dr. Bosi is a Fellow of the AES served the AES in various capacities including as a member of the Board of Governors, as VP of the Western Region USA and Canada, and as Chair of the San Francisco Section. Dr. Bosi is a member the Technical Committee on Audio and Electroacoustics of the IEEE Signal Processing Society, a senior member of IEEE, and a member of ASA.

Dr. Bosi received the AES Silver Medal Award in recognition of outstanding achievements in the development and the standardization of audio coding, video coding, and secure digital rights management. She received the AES Board of Governors Award twice: for her co-chairmanship of the 96th AES Convention and again for her co-chairmanship of the 17th AES International Conference, the first scientific international conference dedicated to the topic of high quality audio coding. She also has received several awards for her scholarship from both the French and Italian governments.

A graduate of Stanford Business School’s “Stanford Executive Program”, Marina holds several patents and publications and is author of the acclaimed textbook “Introduction to Digital Audio Coding and Standards” (Kluwer/Springer December 2002). Marina is currently Treasurer-Elect and Board member of the AES and is a member of the Scientific Council of ISSNAF.