

"A Fellow of the Society is one who has by proficiency and contributions attained an outstanding rank among engineers or executives in the motion picture, television, or related industries."

FELLOWS INDUCTION

Twelve members will be inducted as **SMPTE Fellows** at the Fellows Luncheon on Tuesday, 25 October during the SMPTE Media Technology Summit in Hollywood, CA.



Pedro Ferreira is a software engineer, trainer, and consultant, with 25 years of experience in the Media and Entertainment industry. He is the founder and owner of BISECT, a software engineering firm that specializes in media over IP, cloud, graphic processing unit, and edge computing. In

addition to working at BISECT, he is the lead architect of the European Broadcasting Union (EBU) LIST project and a member of the Eurovision Academy faculty, where he has trained hundreds of people on topics such as MXF, file-based workflows, and live IP. Throughout his career, he has created a wide range of software applications and both open-source and proprietary libraries, has collaborated on multiple research projects, and has always been actively involved in standardization, namely with SMPTE and the Advanced Media Workflow Association (AMWA), where he is a member of the Architecture Review Group.



Steven E. Forshay is a senior vice president in Dolby Labs' Advanced Technology Group. He led the research and development teams worldwide in anticipating industry technology needs, creating innovative image and sound solutions to advance entertainment experiences, and

helping shepherd those technology solutions to success in the market. His leadership scope spanned many of Dolby's most successful image and sound technology research and development programs and the company's CTO function. Throughout his nearly 40-year Dolby tenure, he focused on technology and

innovation. He facilitated the cocreation of product solutions with Dolby business leaders and supported company engagements with industry influencers, business partners, and standards organizations. Dolby Laboratories was recognized with the Philo T. Farnsworth Corporate Achievement Award, which he accepted on behalf of the company in October 2021. He is a board member of Via Licensing, an independently managed subsidiary of Dolby, and is a member of the Audio Engineering Society, SMPTE, and the Institute of Electrical and Electronics Engineers.



Larissa Görner-Meeus is senior director of product line management, AMPP, at Grass Valley, overseeing Grass Valley's SaaS and Cloud offerings across live production, asset management and playout. She is also the co-chair of the SMPTE Media in the Cloud Advisory Committee.

She worked in many capacities across the broadcast industry, including roles in research and development, the CTO-Office, marketing, product management, and business development and has been an active member of the Board of Directors of the Alliance for IP Media Solutions (AIMS), a member of the board of Fernseh- und Kinotechnische Gesellschaft (FKTG), Germany, and is a program manager for Central Europe for Rise, increasing diversity in broadcast. She was awarded the ARD/ZDF Award for Women in Media Technology and also received the Women to Watch Award from TV News Check. She holds EE and MBA degrees from the University of Applied Sciences, Munich, Germany, and is a regular contributor and a speaker at a multitude of industry events.



Lakshmanan Gopishankar (Gopi) is a principal engineer with the Tek Video Business Unit at Telestream. His current responsibilities include applied research and development of algorithms and software for video tests and measurement solutions. Over a 20-year career, first

at the Video Business Unit in Tektronix and then at Telestream, he has contributed to the development of several innovative video test and measurement products including the WFM/WVR series of waveform monitors and the PRISM hybrid IP/SDI waveform monitor. His current research interests include developing cutting-edge technologies that enhance HDR/WCG workflows and applying machine-learning techniques for video monitoring and analysis. He was a 2018 recipient of the prestigious Innovation Award from Tektronix for outstanding technology contributions with significant business impact. He received a master's degree in electrical engineering from the University of Washington in 2001. He is an active member of IEEE and HPA and has been a speaker at multiple industry events.



Ian Hamilton is chief technology officer at Signiant. He has been an innovator and entrepreneur in internetworking infrastructure and applications for more than 30 years. He is a listed inventor on nine patents and received a Technology and Engineering Emmy Award as a member of the Signiant team. As a founding member of Signiant, he has led the development of innovative software solutions to address the challenges of fast, secure content distribution over the public internet and private intranets for many of the media and entertainment industries' largest and smallest companies. Before Signiant, he was the chairman and the vice president of product development at ISOTRO Network Management, which was acquired by Bay Networks. He held senior management positions at Bay Networks and subsequently Nortel Networks, from which Signiant emerged. Previously, he was a member of Scientific Staff at Bell Northern Research performing applied research and development in the areas of internetworking and security.



Sylvain Marcotte is system architect/product owner at Grass Valley. He is an autodidact who has been passionate about the professional media industry. Over the past 40 years, he has worked at Sony Canada in the 1980s as an application specialist for the professional division. In the early 1990s, he worked as a consultant in products design, where he specialized in underwater video equipment and multimedia/broadcast equipment design. He

joined Miranda Technologies as a designer in the mid 1990s and was the lead designer of the Picolink, a small SDI converter. He also led the design team that created the Miranda modular platform. He has been involved with SMPTE since 1990, regularly presenting for the Montreal Section, participating on standards committees, and serving as the Canadian region governor for the past three years.



Mike Radford is VP of product management at Disney, Media & Entertainment Distribution. He is a seasoned technology executive with 25 years of experience in the media and entertainment industry. His expertise ranges from digital media, color science, and compression to software development, networking, and cloud architecture. He is in charge of all software systems that power Disney's global theatrical distribution business. He also works with emerging technology and the standardization of technologies that drive Disney's content supply chain. He works closely with postproduction teams across Disney's diverse studio landscape to bridge the gap between creatives and the theatrical experience. He previously worked at 20th Century Fox as the vice president of technology. He has participated in SMPTE and the Inter-Society Digital Cinema Forum (ISDCF) throughout the development of digital cinema and has represented his studio on the DCI Technical Committee for more than a decade.



Marc Segar is senior vice president of technology at NEP. He started his career at Channel Four in the U.K. in 1990, first on the projects team before moving to Formula One Management, where he oversaw one of the most comprehensive mobile broadcast facilities at the time. His passion for technology led him to Australia, where he joined NEP. In 2017, he built two centralized broadcast facilities and new capture trucks. An IP laboratory and specialist team was set up in Sydney, and on 22 May 2017, the first SMPTE ST 2110 flows were established. The Andrews Hubs and four native IP outside broadcast trucks were built in Sydney and Melbourne. Initially, few manufacturers adopted ST 2110, but many products were designed around it. He supported single flow 4K, simple Precision Timing Protocol design, and common Session Description Protocols and helped develop

NEP's orchestration and broadcast control system. On 21 October 2017, his team successfully covered a 20-camera remotely produced broadcast in Sydney from Brisbane (566 miles away) in native ST 2110. Andrews Hubs hosts 1,600 events annually.



Gary J. Sullivan is a video and image technology architect at Microsoft Research, Redmond, WA. Since 1996, he has chaired video and image coding standardization activities. In 2021, he became the chair of ISO/IEC JTC 1 Subcommittee 29, which oversees JPEG and MPEG. He developed the advanced video coding (AVC) standard, high-efficiency video coding (HEVC) standard, versatile video coding (VVC), the various extensions of those standards, and several other standardization projects. At Microsoft, he has also been the originator and lead designer of the DirectX Video Acceleration (DXVA) video decoding feature of the Microsoft Windows operating system. The team efforts that he has led have been recognized by three Emmy Awards. He has received the SMPTE Digital Processing Medal, the IEEE Masaru Ibuka Consumer Electronics Award, the IEEE Consumer Electronics Engineering Excellence Award, two IEEE Transactions on Circuits and Systems for Video Technology Best Paper Awards, the INCITS Technical Excellence Award, the IMTC Leadership Award, and the University of Louisville J. B. Speed Professional Award in Engineering. He is also a Fellow of IEEE and SPIE.



Kent B. Terry is currently a senior manager of sound technology at Dolby Laboratories. Since 1992, he has been with Dolby, where he helped develop Dolby Digital for the ATSC 1.0, which won an Emmy. He was part of the Emmy-winning team that developed Dolby E for multi-channel audio in broadcast distribution networks and a key contributor to Dolby's Philo T. Farnsworth Corporate Achievement Award technology. A SMPTE member since 1996, he has participated on SMPTE standards technology committees and contributed to numerous SMPTE standards, including those for AES3 interfaces and coded audio. He has presented several papers at SMPTE annual conferences, and his papers have been published in the *SMPTE Motion Imaging Journal*. He was a recipient of SMPTE's 2011 Journal

Award. He is currently the chair of the San Francisco Section and was a Section Manager from 2017 to 2020.



Frederick Walls is a Fellow at Advanced Micro Devices (AMD), focusing on system architecture for AMD's industry-leading display engine. He co-chairs the 10E Essence Technology Committee and the Entertainment Technology Center (ETC) Joint Task Force on AI and Media. He previously co-chaired the 31FS File Formats and Systems Technology Committee and led the development of the HDR digital picture exchange (DPX) extensions and reference materials. He has made significant contributions to the HDMI Forum, advancing features such as source-based tone mapping. He was the primary creator and author of the widely deployed VESA Display Stream Compression (DSC) standard. Walls spent 23 years at Broadcom working on machine learning and video architecture for set-top box ICs. He has 29 U.S. patents and has authored eight papers.



Terence Wong heads the Department of Digital Media at the Hong Kong Institute of Design (HKDI). He earned his first degree in applied physics and started his career in the television broadcasting industry, where he spent a decade before joining the education sector as a digital media specialist. Since joining the Vocational Training Council in 2000, he has played a significant role as head of the Digital Media department curriculum, particularly in film, video, and music production, 3D animation, visual effects, interactive media, and transmedia. He established HKDI Media Lab in 2017 to demonstrate creative integrated media applications. With 30 years of media production experience, he has demonstrated a series of production quality virtual productions to the Hong Kong industry in 2020. He was elected manager of SMPTE Hong Kong in 2006 and the chair of the Section from 2017 to 2018. He was also a long-serving member of the Broadcasting Authority of the Hong Kong Government's Code of Practice Committee. In 2021, he was appointed to the Hong Kong Government's film Development Council.

