

“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 LUNCHEON

Twelve **Fellows** inductions will be conferred at the **SMPTE 2017 Fellows Luncheon** on Tuesday, 24 October, held in conjunction with the SMPTE 2017 Annual Technical Conference & Exhibition in Hollywood, CA.



Daniel G. Baker, *Chief Engineer at Tektronix*

Daniel G. Baker was one of the key architects for the Tek 1700 Series Waveform Monitors as well as the digital signal and eye-pattern processing in Tektronix’s WFM series Serial-Digital Waveform Monitor products. In 1999, he received the Howard Vollum Award, Tektronix’s highest engineering award, and became a Tektronix Fellow. He is a long-time member of both SMPTE and the Institute of Electrical and Electronics Engineers (IEEE), providing technical support for numerous video standards including contributions to Digital Video Broadcasting (DVB) and the European Broadcasting Union (EBU). He co-authored two papers published in the SMPTE Journal and has more than 40 issued patents in video signal and image processing with several pending. He is currently working on new high dynamic range/wide color gamut (HDR/WCG) measurement methods as well as a no-reference video quality measurement. Baker has bachelor’s and master’s degrees in electrical engineering, with current academic studies in advanced digital signal processing and machine learning applied to image processing.



David George Brooks, *Senior Director of Technology Strategy in the Office of CTO at Dolby Laboratories*

David George Brooks has spent 40 years working on imaging for the consumer electronics and professional broadcast industries including managing the research programs for Snell (now

SAM) in the U.K. and previously for Thomson (now Technicolor) in France and Germany. He has been responsible for many projects including the design of the first HD MPEG-2 chipset to the algorithms behind the Alchemist HD standards converter. Brooks has always played an active role in standards from the early 1980s; starting with the 8mm camcorder, then moving to the EU 1250/50 HDMAC HDTV standard, the SMPTE/EBU Task Force and its numerous resulting SMPTE standards, the UltraHD HDR Blu-ray format, and now the HDR standards currently being worked upon in the International Telecommunication Union–Radiocommunication (ITU-R), SMPTE, Advanced Television Systems Committee (ATSC), Digital Video Broadcasting (DVB), Association of Radio Industries and Business (ARIB) and in China.



Jean-Pierre Evain, *Principal Project Manager at the European Broadcasting Union (EBU)*

Jean-Pierre Evain joined the EBU’s Technical Department in 1992, following six years in the R&D laboratories of France-Telecom (CCETT) and Deutsche Telekom. Evain spent several years working on set-top-box middleware such as the DVB specifications of Multimedia Home Platform (MHP) and Copy Protection Signalling. He chaired the metadata activities in the TV-Anytime consortium already looking at recommendation systems and actively maintained the specification on behalf of the European Telecommunications Standards Institute (ETSI). Evain is the co-author of several key EBU metadata specifications, as well as specifications for Audio Engineering Society (AES), International Press Telecommunications Council (IPTC), Motion Picture Experts Group (MPEG), SMPTE, and World Wide Web Consortium (W3C). For the past ten years, Evain has been promoting the use of semantic technologies and service oriented architectures (SOAs), including the Framework for Interoperable Media Services (FIMS) in the broadcasting industry. He graduated from “Ecole Nationale Supérieure d’Electronique et de ses Applications (ENSEA) in Paris.

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David Leitner, *Director, Producer, and Cinematographer at Leitner Studio*

David Leitner is an active director, producer, writer, speaker, industry consultant and Emmy-nominated director of photography with more than 80 credits in feature-length dramas and documentaries, including eight Sundance Film Festival premieres. He co-produced the Academy Award-nominated documentary “For All Mankind,” for which he spent nine months at NASA’s Johnson Space Center restoring 16mm lunar footage. For two decades, he has photographed hour-long documentaries on iconic writers, artists, and architects for New York’s Checkerboard Film Foundation. From 1977 to 1985, he was a technical director, then director of new technology, at DuArt Film & Video in New York, where he innovated optical printing, camera lens testing and film-to-tape transfer and played a key role in introducing Super 16 to the U.S. From 1987 to 2010, he was senior contributing editor at *Millimeter* magazine and remains an ongoing contributor to the textbook classic, “The Filmmaker’s Handbook.” He has also served as manager of the SMPTE New York Section.



David Long, *Associate Professor at Rochester Institute of Technology (RIT)*

David Long is also this year’s recipient of the SMPTE Journal Certificate of Merit. He joined the faculty of the School of Film and Animation at Rochester Institute of Technology (RIT) in 2007, where he is currently program chair and associate professor for the BS Motion Picture Science program. His research interests at RIT include engineering multispectral video capture and display systems and studying variability in human color vision for artistic applications. Previously, Long worked as a development engineer and imaging scientist with Eastman Kodak’s Entertainment Imaging Division, where he contributed to the design and commercialization of the Vision2 family of motion picture color negative films, as well as several digital and hybrid imaging products for television and feature film post-production. His work has earned him numerous patents and a 2008 Scientific and Technical Academy Award for contributions made to the design of Vision2 films. Long is Past Chair and currently Secretary/Treasurer of the SMPTE Rochester Section. He is also a member of the Digital

Cinema Society (DCS). He holds a bachelor’s degree from the University of Texas at Austin, a master’s degree from the University of Rochester, and a doctorate in color science from RIT.



Charles S. Meyer, *Chief Technology Officer, at Grass Valley, a Belden Brand*

Charles S. Meyer is responsible for advanced technology development for live production and networking products. He began career in high technology in 1979 with Atari, Inc. at their research and development laboratory, code named Cyan Engineering. Meyer went on to become president and CEO of NVISION, Inc., where he led pioneering development of high-definition television routing and distribution equipment as well as digital audio technologies over a span of 22 years. He has more than 28 patents including techniques for digital audio, HDTV, and fiber-optic signal timing and transmission. Meyer has worked in various roles include engineering, technical management, strategic marketing at the executive level. He has focused on the objective of providing technical leadership during the transition of the broadcast industry to with an emphasis on data transport and clock-recovery technologies. Meyer also has an extensive background in integrated circuit (IC) and CPU design.



Arjun Ramamurthy, *Senior Vice President of Technology at Twentieth Century Fox*

With more than 25 years of experience in post-production, Arjun Ramamurthy is responsible for outlining and defining the next-generation workflow and technology utilized for feature and TV post-production, digital content processing and downstream distribution, and digital archiving at Twentieth Century Fox. He served previously with Deluxe’s EFILM facility and, before that, in technical operations and feature animation at Warner Bros. Ramamurthy is an active member of SMPTE, the Hollywood Professional Association (HPA), and IEEE, as well as an active contributor to the Digital Cinema Initiatives (DCI) effort, Academy of Motion Picture Arts and Sciences’ (AMPAS) Academy Color Encoding

System (ACES), and various standards for SMPTE. He holds several patents in the areas of digital image processing and media post-production.



Bill Redmann, *Director of Standards, Immersive Media Technologies at Technicolor*

Bill Redmann is a creative technologist and inventor, designing and developing social, interactive, and new media technologies for Technicolor, where he is a Fellow and senior software engineer.

His experience ranges from virtual reality, telepresence systems, entertainment simulators, theme park attractions, holography, other 3D techniques, seminal wearables technology, and puzzle design for the alternate reality games, “The Beast” and “I Love Bees.” Outside of Technicolor, Redmann dabbles in electric vehicle infrastructure and driver safety systems. He has been granted about 34 patents, is an active member of SMPTE. Redmann has Master’s degree in engineering from the University of Southern California, Los Angeles.



Edward Reuss, *Consulting Engineer*

Edward Reuss specializes in video, audio, and Wi-Fi networks, particularly for very low-latency applications. After earning an MSEE at Colorado State University, Reuss started in test and measurement at Hewlett Packard (now

Keysight), Tektronix and Wavetek. He then moved to television on the General Instrument Eurocypher project for British Satellite Broadcasting (BSB). After several years at the Scripps Institution of Oceanography, Reuss became director of systems engineering for Tiernan Communications, developing realtime MPEG-2 video encoders for satellite news-gathering and high-definition television (HDTV). Reuss later worked on consumer products as principal engineer for Plantronics’ Advanced Technology Group, developing several prototype headsets incorporating DSP, Bluetooth, and Wi-Fi. Reuss is active in the SMPTE Standards Community as co-chair of the Technical Committee for Coding of Essence (TC-10E). He is also a senior member of the IEEE and involved with the IEEE 802.11 Wireless LAN Working Group.



Peter Storer Jr., *Executive Vice President at MediAnswers.TV*

Peter Storer Jr. was born into broadcasting, with both his father, Peter Storer Sr., and grandfather, George B. Storer, major players in the industry. In 1986, he founded his own broadcast software firm, StorerTV,

which was sold to SintecMedia in 2012—at which time Storer joined SMPTE Fellow Chris Lennon to start MediAnswers. Storer worked in the CBS Network Sales Department from 1976 to 1980, Storer Television Sales from 1980 to 1985 and WITI-TV as national sales manager from 1985 to 1986. During the 25 years that he ran StorerTV, Storer worked with hundreds of broadcast and cable clients, including CBS, ABC/Disney, Comcast, Univision, Corus Entertainment, and TV Global. He has been active in numerous industry organizations over the years, and with Lennon helped to create Broadcast eXchange Format (BXF), and continues as its primary document editor. He has also been active in industry organizations such as SMPTE, ATSC, and NAB. Storer is currently chair of the George B. Storer Foundation and a board member and IT chair of the Cirrus Owners and Pilots Association.




Peter Weitzel joined the BBC Studio Capital Projects Department in 1978, serving in the projects function for most of his career and, in that role, mentoring more than 250 trainees. Weitzel installed the first GVG 300 PAL switcher and a complex multistage, software-controlled

vision system for BBC Sport. In 1989, he managed the team that completely replaced the BBC’s television core infrastructure with his common architecture design. He led the EBU team that standardized Teletext and defined the first EPG and DVB subtitles within ETSI, and he also led European work on audio and video description that specified an object audio signal system for digital television. By 2000, Weitzel had become a recognized expert for various commercial broadcast projects worldwide. In 2003, he introduced audio and video over IP over standard IT wide area networks (WANs) to the BBC, and in 2008, he served as the project director for the first international transmission of NHK Super Hi-Vision in cooperation with the BBC. In 2012, Weitzel became the secretary/treasurer of the newly reformed SMPTE U.K. Section and supported it to become the third largest SMPTE Section.



Leigh A.M. Whitcomb, *Architect for Imagine Communications*

Leigh A.M. Whitcomb joined Imagine Communications in 1991. He participates in the SMPTE standards community, as well as Video Services Forum (VSF) and the Alliance for IP Media Solutions (AIMS) standards committees, including active involvement on SMPTE

ST 2110, “Professional Media over Managed IP Networks,” the SMPTE ST 2022 family of standards, and SMPTE ST 2059, “Genlock Over IP.” Whitcomb is the chair of the Toronto SMPTE Section. His other professional affiliations include IEEE and Professional Engineers Ontario (PEO). Whitcomb holds a bachelor’s degree in computer engineering from the University of Waterloo and a master’s degree in electrical and computer engineering from the University of Toronto. He is the co-inventor of several patents in timing and synchronization. 

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