2008 SMPTE FELLOWS

"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."

THE FELLOWS LUNCHEON WILL BE HELD AT THE SMPTE 2008 ANNUAL TECH CONFERENCE AND EXPO IN HOLLYWOOD, CA, ON THURSDAY, OCTOBER 30, 2008. THE FOLLOWING TEN MEMBERS WILL BE INDUCTED:

MERRICK ACKERMANS

Merrick Ackermans is currently an engineering technology fellow at Turner Entertainment Networks in Atlanta, GA, where he is responsible for identifying how emerging technologies and their implementations can be used to advance the operations of the Turner Entertainment Networks. Ackermans previously worked at NOW Electronics (contractor for various multiplex operators in Chicago area) designing, installing, and maintaining cinema projection and sound systems for cinema multiplex operators.

Ackermans is currently co-chair of the SMPTE Essence (E10) technology committee and past chair of the Television Recording and Reproduction Technology (V16) committee. He has served as A/V co-chair for the 2003 Joint Advanced Motion Imaging/VSF conference. He as served as manager of the Atlanta Section for multiple terms and is currently Southern Regional Governor.

Ackermans is a member of the Video Services Forum, the Audio Engineering Society, and the Institute of Electrical and Electronics Engineers. He received a B.S. degree in electrical engineering and technology from Bradley University in Peoria, Illinois.

JERRY BUTLER

Jerry Butler is the senior director in the PBS Interconnection Replacement Office (IRO), where his primary responsibility is designing and implementing the Next Generation Interconnection System for Public Television. Before joining PBS, Butler worked at WETA-TV in production and engineering and rose to vice president of engineering, and IT. During his career at WETA he managed the implementation of many new technologies, including the automation and server technology in the broadcast center and, the deployment of networked desktop computing across the company; in the mid-90s he built one of the first two DTV transmission systems on the air in Washington, D.C.

Butler is a member of SMPTE and has served on various professional committees, including a SMPTE/EBU Committee, PBS Engineering Committee, the NAB/SBE Engineering Conference Committee, and as co-chair of the Studio Implementation Committee for the Model HDTV Station Project.

FUNG TZE CHEONG

Fung Tze Cheong is currently production director at Digital Magic Limited. He is founder of Digital Magic and Film Magic in Hong Kong, and Video Post in Manila. Cheong has been a member of SMPTE since 1976, and served as the Hong Kong Section Manager since 2002. He was elected Hong Kong's Digital Entertainment Person of the Year in 2007 and is an adviser at the Hong Kong Academy of Performance Art, School of Film and Television.

Cheong has worked in the movie industry for 32 years. He is an Asian promoter and seminar speaker for DI processes in filmmaking, digital cinema mastering and distributions, and 3-D stereoscopic production. He has made presentations in China, Hong Kong, the Philippines, Vietnam, and Indonesia and at various Hong Kong Section SMPTE conferences, and China SMPTE conferences.

MATTHEW S. GOLDMAN

Matthew S. Goldman is currently vice president of technology for Tandberg Television, where he helps define new products and solutions for the compression systems business unit. Goldman has been actively involved in the development of digital television (DTV) systems since 1992. He was a prominent participant in the Moving Picture Experts Group, where he helped create the MPEG-2 systems standard, the baseline digital transport technology used in cable television, direct broadcast satellite, terrestrial broadcasting, and DVD-video. He has been influential in other industry organizations, including the Society of Cable Telecommu-

nications Engineers (SCTE), SMPTE, the ATIS IPTV Interoperability Forum, the Consumer Electronics Association, and the Digital Audio-Visual Council.

Goldman received B.S. (high honors) and M.S. degrees in electrical engineering from Worcester Polytechnic Institute. He is a senior member of the Institute of Electrical and Electronics Engineers (IEEE), and an inducted member of the Academy of Digital Television Pioneers. He participates in the National Academy of Television Arts and Sciences Technology and Engineering Emmy Awards Committee. He holds six patents related to digital video transport. Goldman has presented white papers and participated in panel discussions at numerous industry trade events. His tutorials were published in *The Proceedings of the IEEE* and he authored a chapter of the National Association of Broadcasters *Engineering Handbook*. Goldman has also contributed articles to several trade magazines, including *Digital Television* magazine.

AL KOVALICK

Al Kovalick has worked in the field of hybrid AV/IT and file-based systems for the past 15 years. Previously, he was a digital systems designer and technical strategist for Hewlett-Packard. While at HP, he was a principal researcher and architect for a new product-class of signal synthesizer. Additionally, he was the principal architect of HP's first VOD server. Following HP, from 1999 to 2004, Kovalick was the CTO of the Broadcast Products Division at Pinnacle Systems. Currently, he is with Avid Technology and serves as a Strategist and Fellow.

Kovalick is an active speaker, educator, author, and participant with industry bodies including SMPTE and the Advanced Media Workflow Association (AMWA) (Board of Directors member). He has presented over 50 papers at industry conferences worldwide and holds 18 U.S. and foreign patents. He is the author of the 600-page book *Video Systems in an IT Environment*. Kovalick has a B.S.E.E. degree from San Jose State University and a M.S.E.E. degree from the University of California at Berkeley. He is a life member of Tau Beta Pi.

LENNY LIPTON

Lenny Lipton is currently the chief technical officer of Real D and was founder of StereoGraphics Corp., where he invented the most widely used method for projecting theatrical 3-D movies, the ZScreen. He is the author of the books *Foundations of the Stereoscopic Cinema* and *Independent Filmmaking*. He has been granted 31 patents and has 40 pending. In 1996, he received an award from the Smithsonian for his invention of CrystalEyes, for 20 years the dominant electronic stereoscopic product. In July 2007 he was the featured physicist in *Physics World* magazine.

Lipton produced and directed 25 films; his film *Let a Thousand Parks Bloom* was included in the exhibition Summer of Love at the Whitney Museum of American Art (2007). He served twice as a cultural liaison for the U.S. State Department to countries in Latin America. Lipton wrote the song *Puff the Magic Dragon*, while at Cornell, where he majored in physics.

JOHN C. MILLER

John Miller is a technical support specialist for motion picture film products in the Entertainment Imaging business unit of Eastman Kodak Co. He has 31 years experience with motion picture film, beginning in film manufacturing, where he quickly moved into process and product quality. Miller's work contributed to the introduction of "Keykode" barcode print as seen on the edge of Kodak color negative, intermediate, and black-and-white films, which dramatically simplified film editing for the industry. Miller also participated on many product development teams supporting the Kodak "Vision" family of films. He has observed and participated in the SMPTE F2, L6, and A12 technology committees starting in 2003, and has chaired the F2 Film Technology committee since 2005. Miller currently chairs the 20F Film Applications committee, encompassing all four previous film groups. He is also active in ISO TC36 Cinematography standards work.

ANN MARIE ROHALY

Ann Marie Rohaly is a senior program manager in the Entertainment and Devices Division at Microsoft, where she is responsible for media standards and interoperability. Rohaly has been an active participant in the International Telecommunication Union (ITU), serving as editor-in-chief of the Video Quality Experts Group's Phase I Final Report on the Validation of Objective Models of Video Quality Assessment and leading the standardization of Tektronix's Emmy award-winning PQA300 picture-quality measurement technology. More recently, she played a lead role in the standardization of VC-1 as SMPTE 421M and served as chair of the former C24-10 VC-1 Implementers Working Group.

Rohaly holds a B.E.S. in biomedical engineering from Johns Hopkins University and a Ph.D. in bioengineering from the University of Pennsylvania and is a member of the Tau Beta Pi National Engineering Honor Society.

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ERNESTO SANTOS

Ernesto Santos is co-founder and head of marketing and sales at MOG Solutions, a leading provider of MXF-based solutions. He has been an active contributor to standardization for several years, and is currently chair of the SMPTE Technology Committee on File Structures (31FS) following his experience from 2005 to 2008 as chair of SMPTE W25.10, the MXF Implementers Working Group. During this period he also made technical contributions in the development of various SMPTE documents, with special emphasis on the SMPTE 434 (MXF-XML) project, on which he was one of the original proponents.

Besides SMPTE, Santos also contributed in the past to MPEG (ISO/IEC JTC1/SC29/WG11). As a member of the Portuguese delegation, he was active in the development of MPEG-7 and MPEG-21. Santos was a major contributor to the design of award-winning products such as the MXF: SDK and the MXFComponentSuite. These became the reference MXF.

J. PATRICK WADDELL

Patrick Waddell is technical marketing manager at Harmonic Inc. A veteran of the broadcasting and performing arts industries, Waddell has over 30 years of experience serving a variety of staff and freelance positions in a several facilities. A second-generation broadcaster, he has worked in most areas of broadcast facilities, including audio production, video engineering, and transmission.

Waddell joined Harmonic in December 2000, where he is responsible for compliance with industry standards and government regulations, as well as intellectual property issues. He also serves as Harmonic's primary standards representative to a number of industry standards bodies, including the DVB, SMPTE, SCTE, and the ATSC. He currently serves as chair of the ATSC's TSG/S6, the Specialist Group on Video/Audio Coding, and the SMPTE Technology Committee on Network/Facilities Infrastructure (32NF).

Waddell earned a B.S.E.E. degree from the University of California, Santa Barbara, and did graduate studies in Technical Production for Live Performance at San Jose State University.