

Honors and Awards

The Society presents a number of awards each year, in recognition of outstanding achievement. The Annual Honors and Awards Ceremony and Reception will be held on Friday, October 20, 2006, during the 148th Technical Conference and Exhibition.

The SMPTE Progress Medal Award

The purpose of the Progress Medal is to honor an individual by recognizing outstanding technical contributions to the progress of engineering phases of the motion picture and/or television industries.



This year's recipient, **Roderick Snell**, has worked in the broadcast industry for more than 40 years as an inventor, a pioneer of educational television, a teacher, an author, a broadcast engineer, an international consultant, and a manufacturer. He co-founded Snell & Wilcox in 1973 as a consultancy and from the early 1980s developed cost-

effective television standards conversion for the developing world broadcasters.

Snell is a visiting professor at the Business School of the University of Kingston, Surrey; a fellow of the Royal Television Society; a SMPTE Governor; and participates in a number of U.K. and European industry initiatives. The latter includes membership of the Executive Team of the IEE's Multimedia Communications Group and membership of the EU's Information Society Technologies Advisory Group.

In 2001, Snell was presented with the esteemed John Tucker International Award for Excellence, at the International Broadcasting Convention (IBC), and in 2002, he delivered the Royal Television Society's prestigious Shoenberg Lecture at BAFTA in commemoration of Sir Isaac Shoenberg, the "father of high-definition television."

The Eastman Kodak Gold Medal Award

The purpose of this award is to honor the recipient by recognizing outstanding contributions that lead to new or unique educational programs utilizing motion pictures, television, high-speed instrumentation, photography, or other photography sciences. The award recognizes developments in equipment, systems, or instructional applications that result in advancing the educational process at any or all levels.



This year's recipient is **Andrew Laszlo**. Laszlo's career in film and television spans nearly 50 years, from the original "Phil Silvers Show" (Sgt. Bilko) to Walt Disney Pictures' *Newsies*. He has accumulated close to 40 major feature films, and an equally large number of major television credits. Laszlo received Emmy nominations

for filming Edward Everett Hale's classic, *The Man Without a Country* in 1973 and the epic mini-series "Shogun" in 1980. In 2001, he was honored with a Lifetime Achievement Award at the Worldfest Houston International Film Festival, and in 2006, he received a second Lifetime Achievement Award at the Alba Regia International Film Festival in Hungary.

Laszlo lectures extensively at many of the country's top colleges and universities. He has also given numerous seminars for industry professionals and future filmmakers in the U.S., as well as Canada, Japan, Korea, Taiwan, the Czech Republic, the Slovak Republic, and the Cannes Film Festival, as part of the Kodak Visiting Artists Program. He has written numerous articles and recently authored six books.

Laszlo is a member of The International Photographers Guild, The Directors Guild of America, The American Society of Cinematographers, and The Motion Picture Academy, and he has served two terms as a Governor of the National Academy of Television Arts and Sciences.

The Technicolor/Herbert T. Kalmus Gold Medal Award

This award is given for recognition of outstanding contributions in the development of color films, processing, techniques, or equipment useful in making color motion pictures for theater or television use.



This year's recipient, **Sadayuki Sam Yamaryo**, joined the Motion Picture Technical Division of Ashigara Research Laboratory, Fuji Photo Film Co., Ltd., in 1971. Yamaryo has made numerous contribution to the advancement of Fuji Photo motion picture film, including the design and development of the Type 8812, Type 8813, Type

8814, and Type 8816. He also led the research and development (R&D) team for Fuji color intermediate film Type 8213.

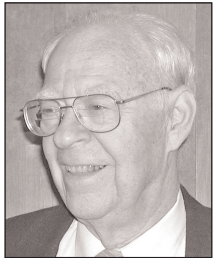
Yamaryo served as manager of Fuji Photo Film Europe GmbH from 1987 to 1996, overseeing the European market. He returned to Japan in 1996 as the senior manager of the Motion Picture Technical Division of the Ashigara Research Laboratory. He was appointed as the technical representative for Fuji Motion Picture Film worldwide and conducted many seminars and workshops throughout the Asian and Oceanic countries. He was involved in the implementation of the Cyan Dye Track and served as a technical specialist for ISO TC-36 for motion picture film.

In addition, Yamaryo has co-written a number of articles,

including the "Application of the Latest Technologies in Negative Film," published in the *SMPTE Journal* in 2002.

The James Leitch Gold Medal Award

This award is given for recognition of outstanding contributions in the application of digital technology to the motion imaging arts and sciences. The award shall recognize developments in software, equipment, systems, or the standardization of technology involved in the acquisition, processing, or distribution of sound and images related to motion imaging.



Frederick M. Remley was the 2005 recipient of this award; however, due to late finalization, it was not included in the *Journal*.

Remley is recognized for his pioneering work in chairing the IEC and SMPTE committees that created the first digital videotape recording format, Type D-1. He has been actively involved in SMPTE for many years and is highly recognized by the Society. Remley was the SMPTE Vice-President of Television from 1978 to 1979; SMPTE Governor (Midwest) for more than ten years; Chair of the Detroit Section for two terms; Chair of the SMPTE Board of Editors, from 1985 to 1995, and the Chair of many SMPTE committees in the field of video recording, television engineering, and standards preparation.

Remley has been a Fellow of the Society since 1967. He received the Society's two highest honors, the Progress Medal Award in 1990 and an Honorary Membership in 1991 and was also the recipient of the 1995 Eastman Kodak Gold Medal Award. He retired from the University of Michigan in 1993, where he worked for over 40 years.

The David Sarnoff Medal Award

The purpose of this award is to honor the recipient by recognizing outstanding contributions in the development of new techniques or equipment that have contributed to the improvement of the engineering phases of television, including theater television.

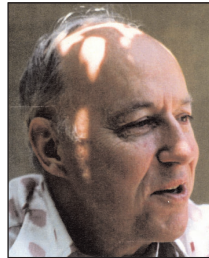


Wayne Bretl, this year's recipient, is a principal engineer in the R&D department at Zenith Electronics. He earned a BSEE from Illinois Institute of Technology in 1966, and joined Zenith in 1975. Bretl holds more than 15 patents in television technology and related areas. In recognition of his pioneering efforts in the development of

digital HDTV broadcast standards, Bretl was the 2006 co-recipient of the Masaru Ibuka Consumer Electronics Award from the Institute of Electrical and Electronics Engineers (IEEE). A member of SMPTE, AES, and SID, and a senior member of IEEE, Bretl represents Zenith on the Advanced Television Systems Committee and a number of professional and industry associations.

The Samuel L. Warner Memorial Medal Award

This award honors the individual by recognizing outstanding contributions in the design and development of new and improved methods or apparatus for sound-on-film motion pictures, including any step in the process.



This year's recipient, **Jack Leahy**, joined RCA in 1948, after receiving a BS in electrical engineering. In 1951, he was transferred to the New York office, where he learned the fundamentals of optical sound recording as well as rerecording practices for motion pictures. He was later transferred to the RCA offices in Burbank, CA, to head the marketing and sales operation for Film Recording (later renamed Photophone). Here he helped develop and introduce new transistorized electronics to operate with the RCA Variable Area Optical Recorders.

Leahy was part of a 13-person RCA delegation that visited Beijing to discuss RCA products, including sound recording equipment for motion pictures. Subsequently, RCA installed the first modern dubbing system at the Beijing Film Studios.

Leahy later established Photophone Inc., providing consulting and technical services, primarily to international clients. In 1988, NAC, Inc., a Japanese company, purchased the Westrex operation from Mitsubishi and he was recruited to head their new company, nacwestrex. In 1991, the nacwestrex operation was discontinued; Leahy continued to provide consulting services until 1997.

The Journal Award

*This award is presented to the author(s) of the most outstanding paper originally published in the *Journal of the Society* during the preceding calendar year. In addition, up to two *Journal Certificates of Merit* are awarded for the next highest rated paper(s) appearing in the *Journal* in the preceding calendar year.*

This year's Journal Award recipients are **Fumiaki Usui, Jun Hosoyo, Ken Ito, and Laurence Thorpe** for the paper "A New HD Digital Cine Zoom Lens for Digital Motion Pictures," published in the October/November 2005 issue of the *SMPTE Motion Imaging Journal*.



Fumiaki Usui is manager of the Broadcast Equipment Development Center of Canon Inc., in Utsunomiya, Japan. He has been involved with the optical design of broadcast application zoom lenses since he joined the Broadcast Equipment Division's research and development (R&D) group of Canon Inc. in 1988. He has designed lenses for sport production, motion picture movie production, digital cinema, and portable ENG applications. Usui is responsible for optical design development of motion

picture movie lenses originally for use on film cameras, but more recently for digital cinema cameras.



Jun Hosoya is senior general manager of the Broadcast Equipment Development Center and deputy senior general manager of the Optics Technology R&D Center of Canon Inc. in Utsunomiya, Japan. He has been involved with the optical design of broadcast products such as broadcast and motion picture movie lenses since

he joined the Broadcast Equipment Division's R&D group of Canon in 1975. Recently, Hosoya has not only been overlooking R&D of all broadcast products, but he is also involved in advanced optical technology research for consumer optical product development.



Ken Ito received a degree in mechanical engineering from the University of Waseda in Tokyo, Japan, in 1985. He immediately joined Canon Inc., where he worked on the mechanical design of portable ENG lenses in the R&D Group.

In 1992, Ito transferred to the Broadcast and Communications Division of Canon, where he is currently director of product management and administration. Over this period, he has been the principal technical liaison on all broadcast lenses and the CanoBeam laser transmission system between the U.S. marketing requirements and the R&D group in Utsunomiya, Japan.



Laurence Thorpe is presently the national marketing executive, responsible for sales and marketing at Canon USA's Broadcast and Communications Division. Thorpe retired from Sony Electronics in January 2004, where he was senior vice-president of content creation systems for the Broadcast and Professional Company. In this

position, he was responsible for all broadcast studio and portable cameras, 1/2-in. VTRs, switchers, and nonlinear editing (both HD and SD). During his tenure at Sony, he was also responsible for HDTV market development and represented Sony on ATSC technology groups, as well as various SMPTE working groups, dealing with high-definition electronic production.

Before Sony, Thorpe worked for RCA's Broadcast Division, where he developed a range of color television cameras and telecine products. In 1981, he received the David Sarnoff Award for his innovations in automatic studio color cameras. He holds ten patents based on his work at RCA. He has pub-

lished many papers on camera technology and HDTV imaging. Thorpe is a SMPTE Fellow.

Journal Certificate

Journal Certificates of Merit will be presented to Hiroshi Shimamoto, Takayuki Yamashita, Noriyuki Koga, Kohji Mitani, Masayuki Sugawara, Fumio Okano, Masato Matsuoka, Jiro Shimura, Isao Yamamoto, Taku Tsukamoto, and Satoshi Yahagi for the paper "An 8k x 4k Ultrahigh-Definition Color Video Camera with 8M-Pixel CMOS Imager," published in the July/August 2005 issue of the SMPTE Motion Imaging Journal.



Hiroshi Shimamoto joined NHK (Japan Broadcasting Corp.) in 1991. Since 1993, he has been involved in R&D on high-resolution and high frame rate television camera systems at NHK's Science and Technical Research Laboratories. Shimamoto received a MS degree in electrical engineering from Tokyo Institute of

Technology in 1991.



Takayuki Yamashita joined NHK in 1995 and has been engaged in research of HDTV cameras at NHK's Science and Technical Research Laboratories since 1999. He currently works on ultrahigh-definition television camera systems. Yamashita received BE and ME degrees in electronics and information science from Kyoto Institute of Technology in 1993 and 1995, respectively.



Noriyuki Koga joined NHK in 2002. He researched ultrahigh-definition, wide-screen system at NHK's Science and Technical Research Laboratories between 2002 and 2004. He is currently engineer of a television program at Kitakyushu Broadcasting Center. Koga has a BE degree in acoustic design from Kyushu Institute of Design.



Kohji Mitani joined the Science and Technical Research Laboratories at NHK in 1997. Since then, he has been working on the solid-state image sensor camera. His research interests include very high data rate image pickup methods, particularly a very high-resolution and very high frame rate image acquisition system. He is a member of SMPTE

and the Institute of Image Information and Television Engineers of Japan. Mitani received BS and MS degrees in

electronic engineering in 1985 and 1987, respectively, and a PhD degree in 1999, from Kyoto University.



Masayuki Sugawara joined NHK in 1983. Since 1987, he has been researching solid-state image sensor and HDTV cameras at the NHK Science and Technical Research Laboratories. He is currently involved in the research of extremely high-resolution television systems. Sugawara received BS and MS degrees in electric communication engineering and a PhD degree in electronic engineering from Tohoku University, Sendai, Japan, in 1981, 1983, and 2003, respectively.



Fumio Okano joined NHK in 1978. Since 1981, he has been involved in research on HDTV cameras, HDTV systems, television standards converters, 3-D television, and extremely high-resolution imagery at NHK Science and Technical Research Laboratories. He is a member of the Institute of Image Information and Television Engineers of Japan, OSA and SPIE, and a senior member of the IEEE. Okano received BS, MS, and PhD degrees in electrical engineering, from Tohoku University, Sendai, Japan, in 1976, 1978, and 1996, respectively.



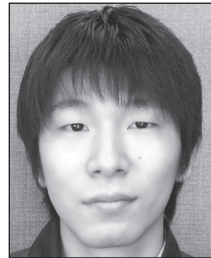
Masato Matsuoka graduated with a degree in electrical engineering from Chuo University in 1989 and joined Ikegami Tsushinki Co., Ltd., that same year. He has been working on the development of broadcast camera systems.



Jiro Shimura graduated with a degree in electrical engineering from Shonan Institute of Technology in 1993, and joined Ikegami Tsushinki Co., Ltd. Since 1994, he has been designing and developing digital video processing equipment for broadcast camera systems.



Isao Yamamoto joined Astrodesign, Inc., in 1992, where he has been engaged in the R&D of high-resolution imaging systems. He received a BE degree in communication engineering from the University of Electro-Communications, Japan, in 1982.



Taku Tsukamoto joined Astrodesign, Inc., in 2000, where he has been involved in the R&D of digital signal processing for picture-quality optimization. He received a ME degree in information science from Nara Institute of Science and Technology, Japan, in 2000.



Satoshi Yahagi graduated from Tohoku University and joined Fuji Photo Optical Co., Ltd. (Fujinon Corporation) in 1984. Since then, he has been developing and designing television lenses.

Journal Certificates will also be awarded to Hideaki Mita, Haruo Ohta, Hideki Ohtaka, Tatsushi Bannai, Tsutomu Tanaka, and Phil Livingston, for the paper, "A New Solid-State Memory-Based Television Acquisition System," published in the July/August 2005 issue of the Journal.



Hideaki Mita joined Matsushita Electric industrial Co., Ltd., in 1990, where he was involved in the development of professional VTRs. He currently specializes in image compression and digital signal processing. Mita is working on the development of a new solid-state memory-based P2 acquisition system. He has a BS degree in electrical engineering from Kobe University.



Haruo Ohta received a BS degree in electrical and electronic engineering from Tokyo Institute of Technology and joined Matsushita Electric industrial Co., Ltd., in 1982, where he was involved in the development of consumer VCRs and professional VTRs. He specializes in the digital signal processing of media recording such as magnetic recording, channel coding, and flash memory control. Ohta is working on the development of a new solid-state memory-based P2 acquisition system.



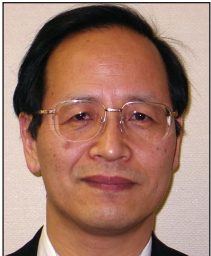
Hideki Ohtaka received a BS degree in electrical and electronic engineering from Tokyo Institute of Technology in 1984 and joined Matsushita Electric industrial Co., Ltd., where he was involved in the development of consumer VCRs. In 1994, he transferred to the engineering section of the

Professional System Division and designed signal processing and digital interfaces for digital VTRs. In 2003, he became a member of SMPTE and has been working in the area of standardization.



Tatsushi Bannai received BS and MS degrees in electrical and communication engineering from Tohoku University in 1980 and 1982, respectively. He joined Matsushita Electric Industrial Co., Ltd., in 1982, where he worked on the development of professional VTR formats such as DVCPRO, -50, -HD, and HD-D5. He has been

involved in the development of a new solid-state memory-based P2 acquisition system. Bannai is currently in charge of the technology development group for broadcast and professional AV equipment.



Tsutomu Tanaka joined Matsushita Electric Industrial Co., Ltd., in 1978, where he was involved in the development of optical transmission devices and equipment, ATM switches, and video servers. He was in charge of the early stage of development of professional AV equipment and now heads the development of network technology applied for consumer AV equipment in the AVC Networks Development Center. Tanaka received BS, MS, and PhD degrees in electronics engineering from Osaka Prefecture University in 1974, 1976, and 1990, respectively.

technology applied for consumer AV equipment in the AVC Networks Development Center. Tanaka received BS, MS, and PhD degrees in electronics engineering from Osaka Prefecture University in 1974, 1976, and 1990, respectively.



Phil Livingston began his career in broadcast engineering in radio at WVOS and WVIP in upstate New York. He helped build WOKR-TV in Rochester, NY, and subsequently developed an Instructional Television system for the City School District there. Livingston has been with Panasonic Broadcast for more than 25

years, where he has held numerous technical positions, most recently vice-president for technical liaison, where his focus is third-party relationships. He spent a year as vice-president for technology at Azcar, USA, but re-joined Panasonic in 2001 in his former role.

Livingston represented Panasonic on the Board of WHD-TV, the Digital Model Station in Washington. He has been involved in the work of the Advanced Television Systems Committee (ATSC) since 1987, and served as chair of the ATSC Board of Directors from 2002 to 2005. A SMPTE Fellow, he chaired the Committee on Television Production Technology (P-18) for two years. He has written numerous white papers and articles and given presentations on emerging technology throughout the U.S. and abroad.

The Citation for Outstanding Service to the Society

This award recognizes individuals for dedicated service to the Society over a sustained period of time. Particular emphasis is placed on service performed at the Section level, including services performed at Section meetings, special Section meetings, and national conferences.

The recipients for 2006 are **Raymond Blumenthal**, **Peter Chu**, and **Jim Schoedler**.



Raymond Blumenthal is currently regional sales manager for Vitec Group Communications. Before that, he was a direct sales manager for Panasonic Broadcast and Television Systems Co., where he was mostly involved in HDTV sales in the Metro New York area. Blumenthal is the former president of the International

Television Association's Long Island Chapter, a past Chair of the SMPTE New York Section, and currently a Governor of SMPTE.



Peter Chu currently works as a principal engineer in the transmission department of the Engineering Division at Television Broadcasts Ltd. (TVB) in China, where he is responsible for managing the TVB's analog television transmission network, comprising w 38 transposer stations up to the end 2005. His work involves planning, design,

and construction of new transposer stations for fulfilling TV license requirement, and he is also deeply involved in the DTTB Project.

Chu was the key coordinator of the first technical trials in digital terrestrial television (DTT) in Hong Kong in 1999. He is currently a Section Manager of the SMPTE Hong Kong Section.



Jim Schoedler has been a broadcast engineering professional for over 35 years. His career in television has taken him from Westinghouse Broadcasting at KYW-TV in Philadelphia to NBC, New York, to KNBC-TV in Burbank, CA, and most recently to Rocky Mountain PBS in Denver, CO, where he was chief technical officer and director of engineering from 2002 to 2006.

From 1994 through 2002, while with National TeleConsultants Inc. in Glendale, CA, Schoedler was project director for the installation of several large broadcast facilities, including the Fox Network Center in West Los Angeles, the DirecTV Los Angeles Broadcast Center, Optus Vision in Sydney, Australia, and the BT satellite teleport in Marina Dey

Rey. He also led the systems design and integration for DirecTV local reception facilities in over 60 cities.

Schoedler has recently reentered the consulting field as owner of JB Schoedler Associates, LLC, based in Denver, CO. He is a member of SMPTE and IEEE.

The Society Citation

This award recognizes individuals or companies who have actively been involved in specific Society engineering or editorial functions.

This year's recipients are **Laurence Thorpe** and **Charles Swartz**.



Laurence Thorpe joined Canon U.S.A.'s Broadcast and Communications Division in February 2004, where he is presently the national marketing executive, responsible for sales and marketing.

Before Canon, Thorpe worked for Sony Electronics for 22 years, until his retirement in January 2004. Thorpe also worked for RCA's Broadcast Division from 1966 to 1982, where he developed a range of color television cameras and telecine products. In 1981, he received the David Sarnoff Award for his innovations in automatic studio color cameras. He holds ten patents based on his work at RCA.

From 1961 to 1966, Thorpe worked in the Designs Dept. of the BBC in London, England, where he participated in the development of a range of color television studio products.

Thorpe is an IEE Graduate (1961) of the College of Technology in Dublin, Ireland, and received a Chartered Engineer (C. Eng.) and MIEE distinction in 1961 from the Institute of Electrical Engineers in London, England.



Charles Swartz served as executive director/CEO, Entertainment Technology Center at the University of Southern California (ETC-USC) until his retirement in July 2006. In February 2002, he joined ETC-USC, and under his leadership, ETC-USC's Digital Cinema Lab became Hollywood's de facto digital cinema

forum, most notably hosting and supporting the Digital Cinema Initiatives work toward establishing the first digital cinema specifications. Swartz has built ETC-USC into a vital educational center for entertainment professionals, producing such events as the SMPTE Digital Cinema Summit at NAB.

Before joining ETC-USC, Swartz served as director of integrated strategy for media and entertainment at the e-business consulting firm Sapiient, and director of business development for the entertainment industry at Anderson Consulting (now Accenture). In addition, he was program manager at UCLA Extension's Department of Entertainment Studies and Performing Arts, where he created a curriculum that set new standards for film and television education.

Swartz served as SMPTE Governor of the Hollywood region from 2004 to 2005.

He has produced eight feature films and earned a screen credit for writing six of them.

Student Awards

The following awards will also be presented, but were not finalized at the time of publication:

- The Student Paper Award**
- The Lou Wolf Memorial Scholarship**

Attention Students

SMPTE is your mobility

- ⇒ Get Published!
- ⇒ Get Noticed!
- ⇒ Get Awarded!



Have an interesting paper or thesis you'd like to submit to the SMPTE Motion Imaging Journal for possible publication? Maybe an article on a special project you've done?

Your paper will be reviewed for inclusion in the Journal, delivery of your paper at a SMPTE conference, and as a candidate for SMPTE's Annual Student Paper Award. Send your paper or thesis to Managing Editor Dianne Purrier at dpurrier@smpte.org.