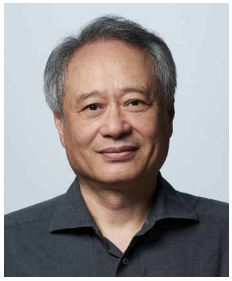
Honorary Membership *in the Society recognizes individuals who have performed eminent service in the advancement of engineering in motion pictures, television, or in the allied arts and sciences. Such contributions shall represent substantially a lifetime's work inasmuch as Honorary Membership shall be the supreme accolade of the Society.*

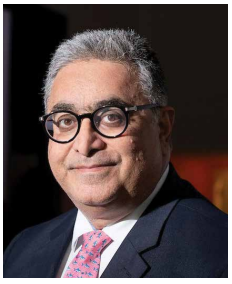
This year, SMPTE honors two recipients:

Charles H. Jablonski, in recognition of his decades of pushing the state-of-the-art in entertainment production and distribution, as well as his service to the education and mentorship of young entertainment engineers. He has played key roles in establishing the use of new technologies at the Olympics, transitioning television operations and transmission from analog to digital processes, and working with start-ups to advance and enhance the quality of content for the consumer experience. As a Fellow and recognized leader of the Society of Motion Picture and Television Engineers, he has served in a variety of Section and Board roles including president (1999–2000) and continues to champion the education of the entertainment industry and provide support to those entering the industry with new ideas and ambition.



Ang Lee, in recognition of his extensive pioneering innovation in the deployment of new technologies to enhance theatrical storytelling. In particular, Lee's use of advanced technologies such as 3D and higher frame rates in the films *Life of Pi, Billy Lynn's Long Halftime Walk*, and *Gemini Man* exemplify his creative use of new technologies to effectively draw viewers further into the story and the characters' emotional states.

The ***SMPTE Progress Medal*** *honors the individual by recognizing outstanding technical contributions to the progress of engineering phases of the motion picture, television, or motion imaging industries. The Progress Medal may be awarded annually, and it should be awarded for an invention or for research or development, which, in the opinion of the Committee, has resulted in significant advancement in the development of motion picture, television, or motion imaging technology. In considering an award to an individual, continued technical contributions over a period of years should be weighed as an important factor.*

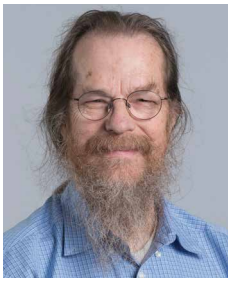


Touradj Ebrahimi receives this year's award in recognition of his leadership of the JPEG Committee, as well as his recent work on exploring standardization opportunities in the areas of learning-based image coding (JPEG AI), nonfungible tokens (NFTs), secure annotation of media modifications (Fake Media), and the use of DNA molecules for image storage.

Natalie M. and Herbert T. Kalmus Medal, sponsored by Technicolor, *honors the recipient by recognizing outstanding contributions that reflect a commitment to the highest standards of quality and innovation in motion picture postproduction and distribution services.*

Patrick Renner receives this year's award in recognition of his vision, actualization, and continued refinement of on-set color management and color grading tools, as embodied in the Pomfort Livegrade software platform, providing cinematographers and digital imaging technicians a system that is creatively flexible yet technically robust, with an underlying image and metadata pipeline architecture supporting a wide range of workflows, resulting in ubiquitous adoption on live-action sets worldwide.

The ***Samuel L. Warner Memorial Medal, sponsored by Warner Bros.,*** *honors the recipient by recognizing outstanding contributions in the design and development of new and improved methods and/or apparatus for motion picture sound, including any step in the process.*



John Meyer receives this year's award in recognition of his contributions to the design, measurement, and analysis of cinema speaker electronics for cinema mixing, review, and exhibition facilities. Meyer Sound was founded by Meyer and his wife Helen to create phase- and

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amplitude-corrected speaker systems. Starting with Skywalker Sound, Meyer Sound developed capabilities including vertical and horizontal pattern control that have now been used in dozens of sound stages, most recently at Fox's Newman Scoring Stage. Meyer has designed unique testing and analysis tools. The M-Noise open-source signal and procedure was approved as AES75-2022 "AES Standard for Acoustics: Measuring loudspeaker maximum linear sound levels using noise" for quantifying a speaker system's onset of nonlinearity.

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*The **David Sarnoff Medal, sponsored by SRI International,** honors the recipient by recognizing outstanding contributions to the development of new techniques or equipment, which have contributed to the improvement of the engineering phases of television technology, including large-venue presentations.*

Madeleine Noland receives the award in recognition of her significant contributions to the ongoing development and implementation of the Advanced Television Systems Committee (ATSC) 3.0 standard within the United States and internationally. She participated in ATSC standards development groups as an LG Electronics delegate, assumed leadership positions in standards development groups, and maintained strong relationships with fellow delegates representing other companies. As president of ATSC, she has continued to build consensus among all delegates to further the evolution of the standard and its release into broadcast markets.

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*The **Excellence in Education Medal, sponsored by William C. Miller and Ellen Sontag-Miller,** honors the recipient by recognizing outstanding contributions to new or unique educational programs that teach the technologies of motion pictures, television, or other imaging sciences including emerging media technology. The award shall recognize an individual who advances the educational process at any level through innovative and inspirational methods.*

Carrie Wootten is this year's recipient in recognition of her outstanding efforts to promote and foster careers within the broadcast technology industry through her work with universities and accrediting bodies, and the establishment of the Rise Up Academy. The Academy works to expose students as young as nine years old to the media technology industry through hands-on workshops and education, with the ambition to enable the development of a more diverse and qualified workforce entering the industry. To this end, Wootten has also worked to implement the Broadcast and Media Systems Engineering Degree Apprenticeship program at Ravensbourne University and to develop specific technologist and engineer pathways within the ScreenSkills website. In addition, the award-winning Rise Mentoring Program has helped to promote gender diversity in the industry and has worked to retain female professionals in the field through the invaluable support provided by their mentors.

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*The **Workflow Systems Medal, sponsored by Leon D. Silverman,** honors the recipient by recognizing outstanding contributions related to the development and integration of workflows, such as integrated processes, end-to-end systems, or industry ecosystem innovations that enhance creativity, collaboration, efficiency, or novel approaches to the production, postproduction, or distribution process.*

The Academy Color Encoding Systems (ACES) is the recipient of the 2022 award in recognition of its significant creative and technical impact, enabling consistent, high-quality color management across complex, collaborative, and end-to-end workflows. The Academy Color Encoding Specification (ACES) was developed by hundreds of the industry's top scientists, engineers, and end users, working together under the auspices of the Academy of Motion Picture Arts and Sciences, Science and Technology Council, through years of research, testing, and field trials. ACES is a free, open, device-independent color management, and image interchange system that can be applied to almost any current or future workflow and has now become the industry standard for managing color throughout the lifecycle of a motion picture or television production.

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*The **Digital Processing Medal** honors the recipient by recognizing significant technical achievements related to the development of digital processing of content for motion pictures, television, games, or other related media.*

Didier LeGall receives the award in recognition of his contributions to image and video compression. LeGall is a visionary, pioneer, and expert in the video compression industry who has authored and coauthored many digital-video-related patents. He spearheaded the Motion Picture Experts Group (MPEG) standardization effort and served as chair of the MPEG Video Group from 1989 to 1995, delivering the MPEG-1 and MPEG-2

international standards. He also contributed to many of the techniques that are fundamental to video coding, including adaptive transform coding of still images, subband coding of images with low computational complexity, format conversion preprocessing, and multichannel HDTV systems.

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*The **Camera Origination and Imaging Medal** honors the recipient by recognizing significant technical achievements related to invention or advances in imaging technology including sensors, imaging processing electronics, and the overall embodiment and application of image capture devices.*

The 2022 Camera Origination and Imaging Medal Award is conferred to **Michael Cieslinski**, in recognition of his pioneering work on imagers and camera design, which has led to the development of a family of high dynamic electronic cinematography cameras that provided the production community with the cameras it needed to create images with the look of 35 mm film.

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*The **James A. Lindner Archival Technology Medal, sponsored by James A. Lindner,** honors the recipient by recognizing significant technical advancements or contributions related to the invention or development of technology, techniques, workflows, or infrastructure for the long-term storage, archive, or preservation of media content essence.*

Barbara Flueckiger receives the award in recognition of her outstanding research focused on the digitization and restoration of archival color films. Flueckiger's research on the interaction between technology and esthetics led to the creation of the interactive digital platform, Timeline of Historical Film Colors, which identifies the characteristics of each color and how different digital scanners reproduce them—an invaluable tool for those working to reproduce in digital the exact colors of analog film.

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*One **Journal 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** may be presented to the author(s) of the paper(s) receiving the next highest score as detailed in subparagraph (c). Papers published in the Journal are eligible only if any previous publication was by the Society.*

The SMPTE Journal Award is presented to **Thomas G. Edwards** and **Michael D. Smith** for the paper "High Throughput JPEG 2000 for Broadcast and IP-Based Applications," published in the May 2021 Issue of the *SMPTE Motion Imaging Journal*, 130(4):22–35.

Thomas Edwards is a principal solutions architect at Amazon Web Services, specializing in media and entertainment. Before joining AWS, he spent 20 years working for broadcasters PBS, Fox, and Disney on satellite content distribution and digital TV projects, as well as exploring, proving out, evangelizing, and standardizing advanced media technology. He holds an MS in EE from the University of Maryland, is a SMPTE Fellow, and was awarded the SMPTE Workflow Systems Medal for his work on live IP production technology.

Michael D. Smith has worked as a digital imaging and intellectual property consultant for 20 years. He has worked on projects for many organizations including Warner Bros. and Sony Pictures Entertainment. He was coeditor of the High-Throughput JPEG 2000 image compression standard that was published in 2019. In 2018, he received screen credit for his color science work on Mary Poppins Returns. From 2013 to 2015, he was the co-chair of Blu-ray Disc Association's UHD-TF Video Subgroup, which defined the video-related requirements for the ultra-HD Blu-ray disc format. In 2012, his work on Warner Bros. Digital End to End (DETE) system led to his winning a Technical Emmy. His work on more than 40 Intellectual Property matters related to infringement and validity of patents has resulted in payments of approximately $1.7 billion. He was the editor of the book "3D Cinema and Television Technology: The First 100 Years" published by SMPTE in 2011 and achieved SMPTE Fellow in 2019.

The Journal Certificate of Merit is awarded to **Michael D. Smith** and **Michael Zink** for the paper "On the Calculation and Usage of HDR Static Content Metadata," published in the August 2021 issue of the *SMPTE Motion Imaging Journal*, 130(7):51–61.

Michael Zink is the vice president of emerging and creative technologies at Warner Bros. Discovery (WBD), where he is responsible for exploring emerging technologies to enhance WBD's storytelling capabilities across different platforms. This includes assessing the latest

technologies, developing innovative experiences, and integrating new solutions into creative production workflows. He also participates in several industry associations and serves as president and chairman for the UHD Alliance and Education Vice President for SMPTE. Before joining Warner Bros., in 2014, he worked at Technicolor for over 10 years, most recently as vice president of technology strategy, where he was responsible for launching the production efforts around various new distribution formats, and adoption of Technicolor technology solutions within the industry groups. Earlier in his career, he worked for several media production facilities in Germany.

Richard Welsh is also a Journal Certificate recipient for the paper "Cloud Production Pipeline Using IMF, C4ID, and Open TimeLine IO," in *SMPTE Motion Imaging Journal*, 130 (9):33–40, Oct. 2021.

Rich Welsh is the senior vice president of innovation at Deluxe, where he works across mastering, distribution, and localization services for studios, over-the-top platforms, and content creators worldwide. He has over two decades of experience in movie and television post-production, mastering, and delivery. Before his role at Deluxe, he was the chief executive officer and the founder at Sundog Media Toolkit, which pioneered cloud-based automated mastering for movies and TV for Hollywood studios. Sundog was acquired by Deluxe in 2020. He has also held positions as head of operations at Technicolor as well as director of digital cinema at Dolby. He currently serves on the board of SMPTE and chairs SMPTE's Media in the Cloud initiative. He has also previously held the role of SMPTE Vice President of Education. Welsh holds a BSc (honors) Media Technology and Doctor of Technology (HC) from Southampton Solent University.

Photo Not Available

*The **Presidential Proclamation** recognizes individuals of established and outstanding status and reputation in the motion picture and television industries worldwide. This year's recipients are:*

Dan Sasaki, in recognition of his contributions toward pursuing optical excellence over the past three decades. He has become the go-to person for most of the leading filmmakers and cinematographers when it comes to selecting or developing lenses and defining signature looks via optical solutions. He has also helped pioneer various lens systems, including the AWZ2 anamorphic zoom lens, the T Series anamorphic lens, and the redevelopment of the Ultra Panatar lenses. Sasaki's commitment to excellence offers cinematographers greater choice and more control over the images they are looking to achieve.

Dave Schnuelle, in recognition of five decades of contributions to the Society and the media entertainment industry. He has held several leadership positions within the SMPTE Standards Community and is a Life Fellow of the Society. His contributions have made a significant impact on cinema technology and have furthered SMPTE's successful collaboration with other standards organizations.

Mitchell Baker, in recognition of her leadership as CEO of the Mozilla Foundation, innovating and adapting the organization to a rapidly changing ecosystem while remaining firmly grounded in its mission and core values of driving an open and democratized internet. For more than two decades, she has led the industry by example, advocating for open source and data privacy, and working collaboratively with individuals of different backgrounds to realize the vision of an internet that benefits all.

Toshiyuki Ogura, in recognition of his commitment to continued innovation in the display ecosystem. Ogura has been the driving force for new technology innovations in TV products at Sony for almost 40 years, most recently with innovations around 4K and 8K high-dynamic range displays, leveraging a variety of display technologies (LCD, OLED, QD-OLED, "Crystal LED," and Projector). During the introduction of 4K HDR into the ecosystem, Ogura oversaw the development of the Backlight Master Drive solution in BRAVIA TVs, which established an industry bar in image quality for full-array backlight dimming for HDR on LCD displays. He has also been a very active collaborator and mentor, educating the industry about display innovations, and he regularly participates in industry activities, benefiting the entire ecosystem.

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*The **Excellence in Standards Award** recognizes individuals or companies that have been actively involved in advancing the Society's standards activities and processes.*

Alan Lambshead receives this year's award in recognition of his dedication to improving the standards process during his tenure as SMPTE Standards Vice-President from 2014 to 2018. He led efforts to align SMPTE editorial standards with international best practices, create and revise administrative practices to document ad hoc committee procedures, and improve the standards operations manual. He strengthened the role of SMPTE in IP networking and audio through close liaison with industry peer groups, thereby furthering the reach of the Society.

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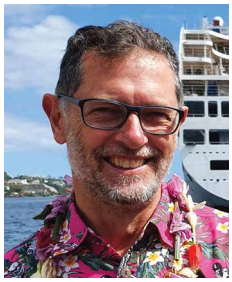
*The **Citation for Outstanding Service to the Society** recognizes individuals for dedicated service to the Society over a sustained period of time. Particular emphasis is placed on services performed at the Section level, including, but not limited to, services performed at Section meetings, special Section meetings, and national conferences. This year, the award is conferred to the following.*

Peter Armstrong, in recognition of the innovative and enthusiastic contribution of his superior technical production, postproduction, organizational, and audio-visual skills in assisting both the Toronto Section and the SMPTE Home Office. Armstrong's technical assistance to the Section has run the gamut from recording and streaming meetings to production of the Toronto Technical Conference. Armstrong has also been a tremendous asset to the Home Office as a technical producer and editor for both the 2021 SMPTE+ series and the Annual Technical Conference. In this capacity, he created video content, managed playouts of all media over multiple days of the events, and helped package the content for subsequent video-on-demand access, helping to broaden the reach of these educational materials to a more global audience.



Paul Broderick, in recognition of his many contributions to the Australia, New Zealand, and Southern Pacific Islands Section. He has played a key role in the success of the Section's biennial MET Expo conference and exhibition. As the Section Chair, he has collaborated with the board to ensure that the Section's membership has been consistently provided with valuable programming and industry engagement, as well as new offerings, such as the women's industry breakfast and collaboration with other industry groups. He has also taken the time to share his knowledge, insights, and passion with his successor to ensure continuity in the quality of Section leadership.

Jeff Cohen, in recognition of his tireless contribution of time and talent to SMPTE throughout the years. He is a long-standing member of SMPTE and has held the positions of chair and secretary/treasurer of the New York Section, as well as governor for the New York Region. As the Section Chair, he worked to promote diversity within both the membership and the leadership of the Section, encouraging new members to join the Board of Managers and forging relationships with other industry organizations. He formed an alliance between the Section and Women in Media and laid the groundwork for similar partnerships with other industry groups, expanding the reach of the Society while fostering an inclusive atmosphere.

Daniel Despa, in recognition of his many years of dedicated service, leadership, positive attitude, and technical knowledge. He is invaluable to the Montreal/Quebec Section, especially in his sustained roles as Section webmaster, videographer, event organizer, and communications guru. For the past two decades, he has planned and produced the Section's Annual Golf Tournament, its flagship event, bringing together over 100 media professionals for a day of fun and networking.

Photo Not Available

Robert (Bob) E. Lamm, in recognition of his more than 40 years of service, support, and wise counsel to the New England Section. During this time, he has assisted or led Section activities and workshops with professionalism and effectiveness. He has served on the Section Board as a manager for 14 years and his efforts in promoting Section events led to the development of the Section's website, providing open access to recordings of its meetings and special presentations. His outgoing personality and broad knowledge of the local educational and cable access communities have forged long-standing ties and relationships that remain a strong fabric of participation and inclusion with the SMPTE Membership.

*The **Louis F. Wolf Jr. Memorial Scholarship** is designed to assist students in furthering their undergraduate or graduate studies in motion pictures and television, with an emphasis on technology.*

The 2022 scholarship will be awarded to **Summer Lange.**

Summer Lange is a computer engineering senior at Cedarville University. She first fell in love with the art of storytelling growing up watching movies such as the heartfelt stories of Pixar and the entrancing narrative of the *Lord of the Rings* trilogy. As she grew older, she came to appreciate the thought and care poured into crafting such stories and wanted to be a part of the process. Throughout middle school and high school, she was involved in her school's theatrical productions, and she continued her love for theater in college as well as volunteered as a disk jockey for the school radio for a semester and worked as part of the promotions team for the Engineering department's yearly ball. She only recently realized she could use her aptitude for engineering in the entertainment field, but she is excited to see how her interests and her talents can be combined to fulfill her lifelong desire to be a part of the art of storytelling.

SMPTE