



By Patrick Griffis
SMPTE Executive Vice President

Progress Report Introduction

The annual SMPTE Journal Progress Report is intended to highlight activities in our field of interest as a society and related trends in the industry overall. This year's issue is no exception.

On the standards front, SMPTE continues to lead with industry setting standards in next generation imaging as well as the transition to an IP-based media infrastructure. The progress for each of SMPTE's Technical Committees is included as a key component of this issue of the Journal.

In the industry trends arena, we have reports from international partner organizations including the ATSC, CTA, ASC, EBU, DVB, and AMPAS among others who intersect our field of interest. If the acronyms are unfamiliar to you, the articles will provide you with useful details on the priorities and activities of these important organizations.

In the technology trends area, we cover the latest developments in High Dynamic Range (HDR), creation of next generation ultrahigh-definition (UHD) Blu-ray disks, state of the art display devices, advances in networked media, and the growing deployment of SMPTE's Interoperable Mastering Format.

In summary, this issue is packed full of relevant and timely information which we hope you find useful.

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About the Author

Patrick Griffis is technology vice president in the CTO Office at Dolby, charged with helping define future technology strategy for the company, which includes identifying and tracking key technical trends, performing technical due diligence, and supporting advanced technology initiatives for the company. He has been an active company spokesperson on the topic of next-generation imaging and in particular, "better pixels"—a term he coined for HDR plus wide color gamut. Before joining Dolby, he spent ten years at Microsoft leading global digital media standards strategy, including adoption of the Digital Living Network Alliance as a baseline media sharing standard in Windows 7 and standardization of Windows Media Video technology as an international SMPTE standard. Prior to Microsoft, he spent 15 years at Panasonic in senior management positions, including vice president of strategic product development at Panasonic Broadcast, where he drove Panasonic's HDTV strategy for the U.S. He started his career at RCA, earning eight patents in TV product design. He has served two terms as the president of the IEEE Consumer Electronics Society. He is a SMPTE Fellow and the SMPTE executive vice president. He also serves on the Board of the ultrahigh-definition (UHD) Forum as the vice president and is Dolby's Board alternate in the UHD Alliance. He is a member of the IBC Council, an industry executive advisory group, as well as the Academy of Digital TV Pioneers. He holds a BSEE degree from Tufts University and an MSEE from Purdue University.

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