

# SMPTE Wins Emmy Award for MXF Standard



On January 7, 2009, NATAS awarded an Emmy to SMPTE for their accomplishment in establishing the MXF standard, 377M, and the beneficial impact it has provided for the broadcasting and other industries. This standard was originally developed under the W25 Technology Committee under the chairmanship of Mike Cox. SMPTE would like to congratulate all the members of W25, and particularly thanks Bruce Devlin, Oliver Morgan, and Jim Wilkinson in their dedicated effort from the start of this original project all the way through its publication. It is through the extensive commitment of our standards members that technology continues to progress the society in which we live. Pictured at the Emmy Awards on January 7: (L-R) Jim Wilkinson, Kimberly Maki, Ken Fuller, Clyde Smith, Wendy Aylsworth, Peter Symes, and Oliver Morgan.

## Engineers: How to be Ready for HD and 3Gb/s

When rack space is at a premium and you need a **solid sync pulse generator** with every signal imaginable – HD, 3Gb/s, SD, time code, AES and more – look to the new BrightEye 57 from Ensemble Designs. Source ID Slates and Cyclops (a nifty moving element in the test signal) help you identify your sources and check that nothing is frozen in a frame sync somewhere in the signal chain. Plus you can **create custom test signals** and load them into the front of the unit with a convenient secure digital card.

Currently used in remote trucks, broadcast, news helicopters and flight packs world-wide, BrightEyes are rugged and reliable.

- **HD, SD, 3Gb/s, composite, AES, Tri-Level Sync, time code outputs**
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# SMPTE Call for Papers

**2009 SMPTE Technical Conference and Exhibition  
Hollywood, CA ■ October 27-29, 2009**

The Society of Motion Picture and Television Engineers (SMPTE) is seeking proposals for technical papers and tutorials for the 2009 SMPTE Technical Conference & Exhibition. Proposed papers must be informational in nature and must address technical theory, application, or practice associated with technologies relevant to the Motion Imaging Industry.

## Technical Topics

Digital Intermediates: process, advancements and case studies ■ Stereoscopic 3-D Imaging, processing, distribution, and display ■ Digital Cinema Exhibition: servers, content storage, networks, and scheduling ■ Digital Cinema Production and Post-Production: processes and workflow ■ Image Acquisition for filmmaking, broadcast news, studio production and sports ■ Wide Bandwidth Infrastructure: 1080p50/60, 4K and beyond ■ Animation: new techniques and process ■ Advancements in Film Technologies: film stocks, restoration techniques ■ Electronic Display Technologies: plasma, LCD, LCoS, OLED's, laser ■ Color management, interchange, correction techniques ■ Metadata and file management ■ IP Content networks, transport, architectures, standards and applications ■ Content security, rights management, watermarking ■ Digital audio for cinema, broadcast and gaming ■ Consumer Technologies: HD deployment, transmission, home networking ■ Historical topics on early filmmaking, animation and television technologies ■ Content management, storage, archiving, and retrieval ■ Lessons learned from the analog shutdown ■ Surviving in challenging times – new infrastructures and new delivery choices ■ Embracing new workflow option for news and local production ■ Twenty questions about aspect ratio in production and delivery systems

## Submit an Abstract

Interested parties are invited to submit a one-page abstract (no more than 300 words), including topic heading, paper title, delivery method (presentation, video clip, demonstration), a brief description of the proposed paper's content, name of author/presenter, company, mailing address, telephone/fax numbers, and e-mail address **no later than June 12, 2009**.

**Previously published, product-specific, or promotional papers will not be considered.**

### If not already registered with EDAS

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Add the author's name  
Enter the synopsis in the "Abstract" field  
Press "Submit"

Authors will be notified regarding the status of their submitted abstracts **no later than July 17, 2009**.

To ensure distribution of paper at the conference, selected speakers are required to provide an electronic version of the final technical paper to SMPTE **no later than September 11, 2009**.

**Please note: A formal technical paper is required in addition to the speaker's presentation.**

Questions can be addressed to Joel Welch, Director of Professional Development at [jwelch@smpte.org](mailto:jwelch@smpte.org).



# SMPTE PDA UPDATE



By Joel Welch

## SMPTE PDA Anywhere: Is that for here or to go?

The SMPTE Professional Development Academy was established to enhance the value of SMPTE Membership by supporting Member's professional development efforts. SMPTE PDA Now offers monthly live educational webcasts on a variety of technical topics. But what if one's schedule doesn't allow one to arrange for Internet access for the live event? What if one's travel schedule is such that being in the office is a truly rare occurrence? The answer? SMPTE PDA Anywhere.

The ultimate goal of SMPTE PDA Anywhere is to allow SMPTE Members to access technical papers, recorded SMPTE PDA Now sessions, videos of SMPTE Section training sessions, and other relevant professional development resources when, where, and over whatever platform the member prefers. Recent enhancements have moved SMPTE PDA Anywhere closer to that goal.

In January, we migrated to a new online storage and streaming services. The new service allows for the upload, storage, and streaming of larger files beyond the 10 Mbyte size limit of the old service. Elimination of this limit allows us to do two things. First, we can now upload a single file containing the recorded content of an entire SMPTE PDA Now session. This is ideal for viewing the recording on a desktop or laptop computer. This also allows us to make the recording available more quickly because there is no longer the need to break the video into 10 Mbyte segments (though we also provide segmented recordings for our "mobile" members. The second enhancement allows SMPTE PDA Anywhere files to be encoded in the M4V format. Where the file format used during 2008 (due primarily to the file size restriction mentioned previously) worked well for members using one computer operating system, it did not work well, or at all, on another operating system. The M4V format has thus far worked well across platforms and on most mobile devices like video-enabled cell phones, smartphones, PDAs, the iPhone and iPod Touch, among others.

To take advantage of enhancements to SMPTE PDA Anywhere, simply go to [www.smppte.org/education/education\\_pdaanywhere/](http://www.smppte.org/education/education_pdaanywhere/), select the service you wish to use, and sit back and learn, whenever, wherever, and on whatever device you prefer!

# SMPTE PDA Now

## LIVE, INTERACTIVE WEBCASTS

TAKING PLACE THE SECOND THURSDAY OF EACH MONTH

**March 12, 2009** File-based Workflows

**April 8, 2009** Digital Cinema and Stereoscopic 3-D

**May 14, 2009** X-Gigabit Architectures

**June 11, 2009** Stereoscopic Cinematography

**July 9, 2009** Digital News Gathering

**August 13, 2009** Stereoscopic Displays in the Home

**September 10, 2009** Camera to Television (Image Acquisition, Transport, and Distribution)

**November 12, 2009** Storage, Archiving and Restoration

**December 12, 2009** Beyond HD

**(Please note: Calendar is subject to change without notice.)**

To register for this event or for information about upcoming SMPTE PDA Now events visit [www.smpte.org](http://www.smpte.org).

All past SMPTE PDA Now events are available to members on the SMPTE website at [www.smpte.org/education/education\\_pdaanywhere/](http://www.smpte.org/education/education_pdaanywhere/)

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