

and plays out data in any format, resolution, bit-depth, color space, or file type, all in realtime without conversion. The visual effects package now includes primary and secondary color correction, pan-and-scan, rotation, flip/flop, cropping and transitions in realtime. In addition, a huge range of third party effects are supported by the OpenFX plug-in interface.

Academy Mails Sci-Tech Requests for 78th Academy Awards

The Academy of Motion Picture Arts and Sciences officially launched the 78th Annual Academy Awards season by mailing over 850 application request forms to the scientific and technical communities in the U.S. and abroad.

Corporations and individuals, including past winners, specializing in science and technology in film will have an opportunity to be considered for an award in those areas. In order to be considered, achievements must show exceptional merit and evidence of having provided significant advances in the production of motion pictures. Technologies and achievements need not be invented within the past year.

Technical advances submitted to the Scientific and Technical Awards Committee will be evaluated by both the main committee and sub-committees comprised of distinguished engineers, scientists, and craftspersons before being recommended to the Academy's Board of Governors for award consideration.

The application-filing deadline is Monday, August 1. For additional information, visit the Academy website at www.oscars.org.

Industry's First Handheld TV Analyzer for Broadcast Applications Wins Three Awards

Rohde & Schwarz's FSH3-TV—the world's first handheld TV analyzer—received top recognition from Broadcast Engineering with a Pick Hit, TV Technology with a STAR (Superior Technology Award Recipient), and Digital TV/Television Broadcast with a Top Innovation.

The compact and portable unit, capable of processing both analog and digital TV signals, is ideal for mobile use, as well as servicing new installations and maintaining or repairing TV cable network or transmitter components. The R&S FSH3-TV combines the functions and characteristics of a full-featured spectrum analyzer with the functionalities of a TV test receiver enabling all measurements essential in field to be performed with only one instrument. In addition, the robust and weatherproof R&S FSH3-TV can be powered from its NiMH battery.

New Broadband Standard from ITU Gives 10x ADSL Speeds

The International Telecommunications Union (ITU-T) has completed the specifications necessary for telecoms operators around the world to offer a "super" triple play of video, internet, and voice services.

The ITU-T Recommendation for very-high-bit-rate digital subscriber line 2 (VDSL2) will allow operators worldwide to

compete with cable and satellite operators by offering services such as high-definition TV (HDTV), video-on-demand, videoconferencing, high-speed internet access, and advanced voice services including VoIP, over a standard copper telephone cable.

VDSL2 will offer consumers up to 100 Mbits/sec up and downstream, a massive ten-fold increase over the more common ADSL. Essentially, it allows so-called "fibre-extension" bringing fibre like bandwidth to premises not directly connected to the fibre-optic segment of a telecoms company's network.

As well as addressing increasing consumer demands, VDSL2 offers telecom carriers a solution that promises to be interoperable with the ADSL kit that many operators already have in place. This interoperability will make the migration of customers to VDSL2 much simpler. Another important feature of VDSL2 is that it will work in both legacy ATM networks and next-generation IP-based networks.



Obituaries

Christin Hardman Creignou passed away on May 24, 2005, at age 53.

Creignou had a long career in television video production, including video production and editing, product development, equipment manufacturing, training and education. She worked as a lead video editor for "The Barney Miller Show" for five years and as a production manager for the Videography Co. She also worked at various Bay Area video venues, including as an editor at *Post* magazine and as a CMX executive. She was founder and CEO of Ciela, Inc. a California corporation providing productization services to R & D departments of high-tech companies in Silicon Valley.

Creignou wrote extensively for technical publications and served on several industry technical standards committees. She became a manager of the San Francisco Section in 1991 and actively participated in the 1992 SF Winter Conference. Creignou was also active in the Palo Alto Junior League in California, where she was co-founder of a media task force that won an international award for a video production on homeless teens.

Creignou later moved to St. Petersburg, FL, and became an active member of the St. Petersburg Junior League, where she was awarded the Mailande Holland Barton Award in a ceremony on May 17.

Creignou's survivors include her husband of 22 years, Jean-Paul Creignou, and two brothers, Tom and Jon Hardman.

Charles W. Gray, a Life Member, passed away on April 9, 2005, at age 83.

SMPTÉ Life Member **Richard S. Milbauer** has passed away. A member for more than 50 years, Milbauer was 79 years old.

SMPTE Now Offers Digital Cinema and HDTV Test Materials from the DCI-ASC Mini-Movie Under License



Available material on external computer hard drives includes:

1. StEM Uncompressed Mini-Movie with Trailer (prices include hard drives)

- | | | |
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| a. | 4096x2160 (1714), 16 bit Tiff Files, X', Y', Z' Color Corrected
[Running Time ~12 minutes, 17239 frames, 41MB/frame, ~682 GB] | \$4,000.00 US |
| b. | 4096x2160 (1714), 16 bit Tiff Files, R', G', B' Color Corrected
[Running Time ~12 minutes, 17239 frames, 41MB/frame, ~682 GB] | \$4,000.00 US |
| c. | 2048x1080 (857) 16 bit Tiff Files, X', Y', Z' Color Corrected
[Running Time ~12 minutes, 17704 frames, 11 MB/frame, ~170 GB] | \$1,500.00 US |
| d. | 2048x1080 (857) 16 bit Tiff Files, R', G', B' Color Corrected
[Running Time ~12 minutes, 17704 frames, 11 MB/frame, ~170 GB] | \$1,500.00 US |
| e. | HD, SMPTE 274M 1920x1080 (803) Y,Pb,Pr,
[Running Time ~12 minutes, 17407 frames, 12 MB/frame, ~190 GB] | \$1,500.00 US |



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