
Technical Paper Proposals Must Be Submitted to SCTE by May 21, 2010

The Society of Cable Telecommunications Engineers (SCTE) is seeking proposals for technical sessions that will be conducted during the annual SCTE Cable-Tec Expo® 2010, taking place Oct. 20–22 in New Orleans, LA. The Expo 2010 Program Committee, chaired by Scott Hatfield, EVP & CTO for Cox Communications, will review all technical proposals. The theme of this year's Expo is "**Playing Cable's Technology Tune,**" reflecting the ability of cable networks to provide compelling and diverse services to the customer.

The Expo 2010 Program Committee is particularly interested in abstracts addressing the following topics. Proposals addressing the specific topics described below will be given priority. It is desired that all sessions be interactive where possible and include case studies where applicable.

The Customer Experience

- Enabling In-home networks – both wired and wireless
- Providing managed services and support for fee
- Troubleshooting third-party applications and devices

IP Video Delivery

- Enabling multi-device access
- Content protection approaches
- Impacts and trends of adaptive streaming
- IPv6 – Migration and mitigation strategies
- Integration of Internet content with cable services

Network Architectures

- Gateway options – interfaces, standards, and legacy evolution
- Fiber deeper: Migrating from N+5 to N+0 HFC networks
- Approaches to upstream bandwidth enhancement
- Comparative views of competitive network architectures
- Next-generation optical platforms

Applications

- Interactive television (EBIF) and advertising (SCTE 130)
- Enabling open application ecosystems – stores, SDKs, certification, etc.
- Implementing IMS and its role in the cable product set

Traffic Management and Bandwidth Utilization

- Intelligently managing streams, service groups, and edge devices
- The impact of OTT, IPTV, and more OnDemand services
- Deployment experiences with DOCSIS® 3.0
- Measurement techniques for consumption-based management
- Leveraging SDV and advanced coding for additional HD content

3D Television

- Essential and emerging standards
- Launching 3D and bringing it to the mainstream

Mobility

- Integrating wireless and mobility with the HFC platform
- Demands and opportunity represented by cellular backhaul services
- Unique requirements of wireless services to commercial customers

Business Services

- Enhancing speeds and symmetry to support the business environment
- Managing the commercial customer lifecycle, from design to support

- Understanding the suite of services required by SMBs and Enterprise customers
- Interfacing to the business premises to support existing networks
- Managing business continuity and service level reporting for commercial customers

Smart Energy Management

- Impact of Energy Star requirements on cable devices in the home
- Improving workforce efficiency through workflow management
- Reducing energy costs in fleet operations and plant powering
- Alternative energy options for network powering

OSS and BSS Integration for Flow-through Provisioning, Billing, and Network Monitoring

- Utilizing EMS data to more efficiently manage the network
- Merging disparate systems to achieve a unified network view
- Provisioning cross-platform applications (e.g., enabling access to premium content across devices)

SCTE Cable-Tec Expo[®] 2010 workshops will be targeted to specific industry personnel. The following tracks are planned for 2010. All abstracts should target one of these technical groups and must specify how the proposed paper/presentation would address the needs of the target audience.

- Cable Services and Fulfillment
- Technical Operations
- Network Operations
- Engineering
- Business Services

Enter each submission separately to <http://www.miracd.com/SCTECableTecExpo2010> by the May 21, 2010 deadline.

A summary of 100 words is sufficient for your abstract, although a page or more is acceptable (600 words max.), to include topic heading, paper title, delivery method (including explanation of how the session will include interactive components), a brief description of proposed session content, name and contact information for author/presenter. Multiple proposals from an individual are permitted. **Previously published papers and product-specific presentations will not be accepted.**

The SCTE Cable-Tec Expo[®] 2010 Program Committee is particularly interested in proposals that address today's technical and engineering issues and opportunities from a here-and-now perspective and will consider only papers that present technical perspectives regarding these issues and opportunities. Abstracts must be tailored for workshop learning and provide real-world tools that attendees can apply to their everyday work.

The SCTE Cable-Tec Expo[®] 2010 Program Committee will announce selected presentations by June 25, 2010. If submitters do not receive notification by June 25, contact SCTE to verify submission status.

Selected presenters will be required to provide electronic versions of their technical papers and presentations to SCTE by Aug. 6, 2010, for online publication in the *SCTE Cable-Tec Expo[®] 2010 Proceedings*. Selected proposals may be presented twice over a span of two days during SCTE Cable-Tec Expo[®] 2010.

Interested participants must submit their abstract by May 21, 2010. Contact EXPO_info@scte.org if you have questions.