

# 2010

# CALL FOR PAPERS

59<sup>th</sup> International Wire & Cable  
and Connectivity Conference



Sponsored by IWCS, Inc. & IICIT, Inc.

Rhode Island  
Convention Center

1 Sabin Street  
Providence, Rhode Island,  
USA

**NOV.**  
**7<sup>th</sup> - 10<sup>th</sup>**

**IWCS**



leadership and vision for over 55 years



INTERNATIONAL INSTITUTE OF  
CONNECTOR AND INTERCONNECTION  
TECHNOLOGY, INC.

# \*topic details

The 2010 IWCS/IICIT Conference™, the combined event of the International Wire and Cable Symposium and the International Institute of Connector and Interconnect Technology, is now accepting abstracts. The premier venue for presentation of new and original technologies in wire, cable, and connectivity, the IWCS/IICIT Conference™ is organizing its 59th annual conference in Providence, RI. Presentations of products and systems for communications, data, electronics, power, security, industrial, automotive/aerospace and specialty segments are eligible for the consideration for the Symposium. New developments in finished cable, compounds, coatings, tapes, yarns, fillers, shielding and strength members are all products and topics of interest to the Symposium audience, as well as new technologies in connectors, connectivity technology and materials.

# \*leading-edge potential topics

## CABLE SYSTEMS

product certification and quality assurance  
terminations and interface devices  
assemblies/harnesses/package systems  
factory installed terminations  
intelligent patching systems  
RFID in cable systems

## CABLE INSTALLATION METHODS

new right of way applications  
blown-in technology  
low cost, high speed methods  
abandoned cable removal  
FTTH deployment challenges and solutions

## MATERIALS

flame retardants  
nanotechnology  
foaming additives  
special fillers  
irradiated materials  
dry technology

## CONNECTORS AND CONNECTIVITY

advances in connector technology  
connector materials and processes  
connectivity development

## NEW APPLICATION

automotive, military/aerospace and  
marine systems  
developing markets  
new applications technology  
industrial cabling systems  
security systems

## POWER CABLES

high capacity cables  
superconductivity  
broadband over powerline

## NEW CABLE DESIGNS

premises cables  
high bandwidth copper cable designs  
low bend diameter optical fibers  
cable protection systems

# \*FYI

Abstracts must be submitted through the IWCS Web site: [www.iwcs.org](http://www.iwcs.org).

All abstracts require the following: title, author(s) and description (up to 500 words).

DEADLINE for submittal is April 30, 2010 / Notification of accepted abstracts: June 12, 2010

Completed paper due via online submission: July 31, 2010

# \*submittal requirements

Abstracts are invited from industry or academic professionals, from any geographic location, who are engaged in the wire and cable industry. Acceptance of abstracts will be based on originality, content, applicability, market interest, and clarity. Papers submitted on accepted abstracts will be published in the 59th IWCS/IICIT Conference™ proceedings. All authors will present their work, in either oral or poster presentation, at the Technical Symposium portion of the 2010 conference. For academic and/or research papers, a special peer review procedure is available for a post-conference publication. In addition, the following awards will be given: Outstanding Technical Paper, outstanding Poster Paper, and Best Presentation. IWCS also invites papers on topics of interest to the wire and cable industry, but which do not meet the originality conditions, with those papers similarly being presented and included in the proceedings of the conference, but identified as being "invited" papers.

# \*why we're number one...

In addition to the papers presented in the Technical Symposium portion of the conference, there are many other components to the conference that make it the world's premier venue for exchange of new and original wire and cable industry technologies and trends. These components include:

**PLENARY SESSION:** Featuring presentations by distinguished business and technological leaders in the worldwide wire and cable industry as well as presentation of awards for Outstanding Technical Paper, Outstanding Poster Paper, and Best Presentation from the 2009 conference.

**EXECUTIVE TRACK:** Important presentations by key industry analysts and market experts, panel discussions on topical business aspects of the industry, a keynote speaker and networking opportunities for industry executives and senior leaders from around the world.

**FOCUS SUPPLIERS' EXHIBITION™:** An exhibit of more than 120 of the world's leading suppliers of materials, accessories and machinery used for making wire and cable and connectivity products.

**PROFESSIONAL DEVELOPMENT COURSES:** A certification program featuring required Core courses (offered annually) and Elective courses selected from a series of more advanced topics (offered approximately every two years).

**NEW PRODUCT PRESENTATIONS:** An opportunity for industry suppliers to report on new commercial products in the areas of materials, accessories and machinery used to make wire and cable.

**NETWORKING OPPORTUNITIES:** In the hotels, the hallways, restaurants, and the company events.

## **IWCS PROFESSIONAL DEVELOPMENT COURSES IN 2009**

CU101: Fundamentals of Copper Conductors & Metallic Cable Design & Applications

CN201: Electrical/Electronic Connector Fundamentals

CN202: Intelligent Building Infrastructure Design

F0101: Fundamentals of Optical Fibers & FO Cable Design & Application

F0206: Bend Resistant Fibers

F0207: GPON-Fiber Measurements

MA101: Selection & Use of Materials in Wire & Cable

MA204: Fundamentals of Polymer Flame Retardancy & Testing

MA205: Extrusion Technology and Equipment for Wire & Cable

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**Less than 120 days are left...  
...Are you ready to submit?**



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details inside **2010**

WHO WE ARE:

We are The International Wire & Cable Symposium, Inc., and the International Institute of Connectors and Interconnect Technologies, Inc., nonprofit organizations whose mission is to provide a forum for the exchange of information among suppliers, manufacturers, and users on advancements in materials, processes and products for transmission systems of voice, data, video signal and electrical current. The IWCS/IICIT Conference™ is organized by the IWCS, and it contains five major components: The Technical Symposium, a Suppliers' Exhibition, Professional Development Courses, Executive Track, and Plenary Session. Held annually in November, IWCS/IICIT continuously proves to be the world's premiere venue for the presentation of new and original wire and cable and connectivity technologies and trends related to designing, manufacturing, processing and using products in the communications, data, electronics, power, industrial, automotive/aerospace and specialty wire and cable segments.