

58th International Wire & Cable and Connectivity Symposium

CALL FOR
PAPERS



2009

Charlotte Convention Center
51 South College Street
Charlotte, North Carolina, USA
November 8th to 11th

Topic Details

The 2009 IWCS/IICIT Conference, the first joint event of the International Wire and Cable Symposium and the International Institute of Connector and Interconnect Technology now are accepting abstracts. The premier venues for presentation of new and original technologies and trends in the wire and cable industry, and the connectivity industry will be joining forces in the 2009 Conference. Presentations of technology and research in design, manufacturing, processing and applications of wire and cable, and related systems for communications, data, electronics, power, security, industrial, automotive/aerospace and specialty segments are eligible for the consideration for the 2009 Symposium. Finished cable, glass or plastic optical fiber, copper-based wire and conductors, harnesses, assemblies and connectivity products and related materials such as compounds, coatings, tapes, yarns, fillers, shielding and strength members are all products and topics of interest to the Symposium audience.

Abstracts may be submitted from industry including topic specific experts, real world application solutions providers, and cutting edge innovators as well as academic professionals, from any country, who are engaged in the wire and cable or connectivity industries and their related user and supplier industries. Acceptance of abstracts will be based on originality, content, applicability, market interest and clarity. Papers submitted for accepted abstracts will be published in the 2009 Conference Proceedings, and will be available through online libraries for ease of reference. All authors must present their work at the IWCS/IICIT Conference in November, 2009. Awards will be presented for the Outstanding Technical Paper, Outstanding Poster Paper and Best Presentation. See panel below for some sample topics. Any topic that is concerned with materials, production, application, installation and systems involving wire and cable and connectivity products is eligible for consideration.

Leading-Edge Potential Topics for 2009

Cable Systems

Product Certification and Quality Assurance
Terminations and Interface Devices
Assemblies/Harnesses/Packaged Systems
Factory Installed Terminations
Intelligent Patching Systems
RFID in Cable Systems

Connectors and Connectivity

Advances in Connector Technology
Connector Materials and Processes
Connectivity Development

New Cable Designs

Premises Cables
High Bandwidth Copper Cable Designs
Low Bend Diameter Optical Fibers
Cable Protection Systems

Cable Installation Methods

New Right of Way Applications
Blown-in Technology

Low Cost, High Speed Methods
Abandoned Cable Removal
FTTH Deployment Challenges & Solutions

Materials

Flame Retardents
Nanotechnology
Foaming Additives
Special Fillers
Irradiated Materials
Dry Technology

Power Cables

High Capacity Cables
Superconductivity
Broadband Over Powerline

New Applications

Automotive, Military / Aerospace and Marine Systems
Developing Markets
New Applications for Technology
Industrial Cabling Systems
Security Systems

Abstracts must be submitted through the IWCS website, www.iwcs.org.

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

• Deadline for submittal is April 30, 2009 • Notification of accepted abstracts: June 12, 2009 • Completed paper due via online: July 31, 2009

Submittal Requirements

If your work is of interest to the worldwide wire and cable industry, then it should be presented at the IWCS Conference™, organized by the International Wire & Cable Symposium, Inc. Past article topics have included cable, fiber and conductor design, new cable materials, processing and manufacturing developments, network demands, assembly and installation techniques, cable components, connectivity, market studies, testing and standards.

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 58th IWCS Conference™ proceedings. All authors will present their work, in either oral or poster presentation, at the IWCS Symposium portion of the 2009 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.

COMPONENTS OF THE IWCS CONFERENCE

In addition to the papers presented in the IWCS 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 the following:

Plenary Session: Featuring speeches 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 2008 conference.

Executive Forum: 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.

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). Courses offered last year are shown below, with each of the Core courses bearing the 101 designation.

New Product Presentation: 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 2008

MA 101:	Selection & Use of Materials in Wire & Cable
MA 201:	The Art & Science of Extrusion for Wire & Cable I
MA 202:	The Art & Science of Extrusion for Wire & Cable II
MA 209:	Polymer Degradation, Stabilization & Failure Mechanisms
FO 101:	Fundamentals of Optical Fibers and FO Cable Design & Applications
FO 203:	Fundamentals of Broadband and FTT(x)
FO 206:	Bend-Resistant Fibers
CU 101:	Fundamentals of Copper Conductors and Metallic Cable Design & Applications



BEGIN NOW TO PLAN FOR YOUR PARTICIPATION IN THE
58th IWCS CONFERENCE™
 CHARLOTTE CONVENTION CENTER
 51 SOUTH COLLEGE STREET, CHARLOTTE, NC, USA
 NOVEMBER 8th - 11th, 2009

Call for Papers

Details Inside

About the IWCS, Inc. & the IWCS Conference™:

The International Wire & Cable Symposium, Inc (IWCS, Inc.) is a nonprofit organization 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 Conference™ is organized by the IWCS, and it contains five major components: The Technical Symposium, a Suppliers Exhibition, several Professional Development Courses, and Executive Forum, and the Plenary Session. Held annually in November, IWCS is the world's premiere venue for the presentation of new and original wire and cable 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.

Contact the IWCS at phudak@iwcs.org, www.iwcs.org or +1 732 389 0990

IWCS Staff

JOHN T. BARTELD (CEO/Director)
IWCS, Inc., USA

PATRICIA HUDAK (Operations Manager)
IWCS, Inc., USA

Board of Directors

JOHN R. SICOTTE (Chairman)
Corning Cable Systems, USA

DAVID B. KIDDOO (Vice-Chairman)
AlphaGary Corporation, USA

DAVE FALLOWFIELD (Treasurer)
TELUS Communications Inc, Canada

ROBERT M. CANNY
Canny Consulting, LLC, USA

ROBERT D. KENNY
General Cable Corporation, USA

DR. YOSHIKI MIYAJIMA
Sumitomo Electric Industries Ltd., Japan

THOMAS NEESEN

*International Cablemakers Federation,
 Austria*

DALE REED
Emerson Network Power, USA

JOHN R. SACH
*Prysmian Communications Cables & Systems
 NA, USA*

ROBERT A. WESSELS, JR.
CommScope, Inc., USA

ROBERT WILLIS
ECA, USA

2009 Symposium Committee Officers

PETE D. LOCKHART, (Chairman)
Anixter Inc., USA

XAVIER MANN, (Vice-Chairman)
Furukawa America Inc., USA

IAN GREVELING, (Secretary)
Corning Cable Systems, USA

2009 Symposium Committee Members

AD ABEL
DSM Desotech, The Netherlands

DR. C. BERTIL ARVIDSSON
Ericsson Network Technologies AB, Sweden

JEFF S. BARKER
Draka Communications, USA

DAVID BRAUN
Cable Components Group LLC, USA

KENNETH CORNELISON
General Cable Corporation, USA

DR. ALISTAIR DUFFY
*School of Engineering & Technology
 De Montfort University, UK*

HÉLIO J. DURIGAN
*Furukawa Industrial S.A. Produtos Elétricos,
 Brazil*

STEVEN A. GALAN
Underwriters Laboratories Inc., USA

DR. JEFFREY HRIVNAK
Solvay Solexis, Inc., USA

MICHAEL J. MCNULTY
*Wire & Cable Technology Int'l
 Wire & Cable Industry Suppliers Assoc.,
 USA*

SHINICHIRO "SEAN" OTA
Furukawa Electric Co., Ltd, Japan

SHALA OVERSTREET
Calmont Wire & Cable, Inc., USA

MIKE PATEL
Teknor Apex Company, USA

AGUSTI VALLS PRATS
Prysmian SpA, Italy

DR. SCOTT H. WASSERMAN,
The Dow Chemical Co, USA

IWCS



International Wire and Cable Symposium, Inc
 174 Main Street
 Eatontown, NJ 07724 USA