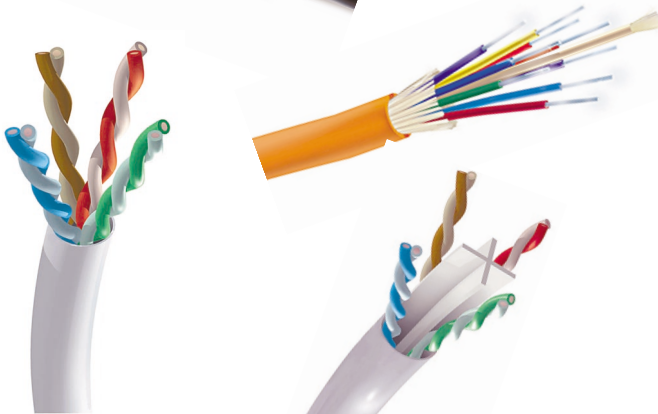
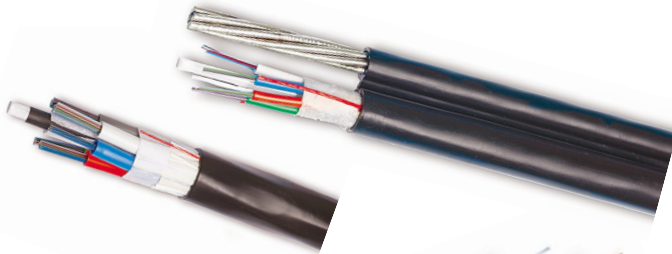
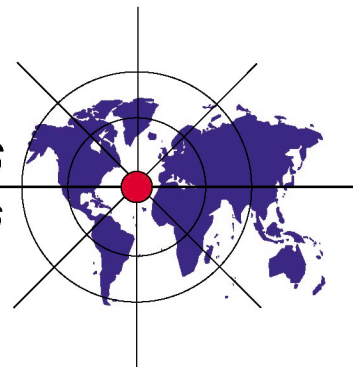


# 2005 Call For Papers

## 54th IWCS/Focus™ Conference

Providence, RI, USA  
November 13 to 16, 2005

**IWCS**  
**Focus**



IWCS/Focus™ Conference, the world's premier venue for presentation of new and original wire and cable industry technologies and trends, is now accepting abstracts for the upcoming conference. We are seeking technical papers and research studies in the areas of designing, manufacturing, processing and using products in the communications, data, electronics, power, industrial, automotive/aerospace and specialty wire and cable segments. These products include the finished cables themselves, glass and plastic optical fiber, copper-based wires and conductors, wire and cable harnesses, cable assemblies, connectivity products and cable materials such as insulation compounds, coatings, tapes, yarns, fillers, shielding and strength members.

All authors will present their work, in either an oral or poster presentation, at the IWCS™ Symposium portion of the 2005 conference. See inside for topic details, submission requirements and other aspects of the Conference.

The 54th IWCS/Focus Conference will take place November 13 to 16, 2005, in Providence, RI, USA. The IWCS/Focus Conference is organized by the International Wire & Cable Symposium, Inc. (IWCS, Inc.), Eatontown, NJ, USA. Visit [www.iwcs.org](http://www.iwcs.org) or call +1 732 389 0990 for organization and Conference details.



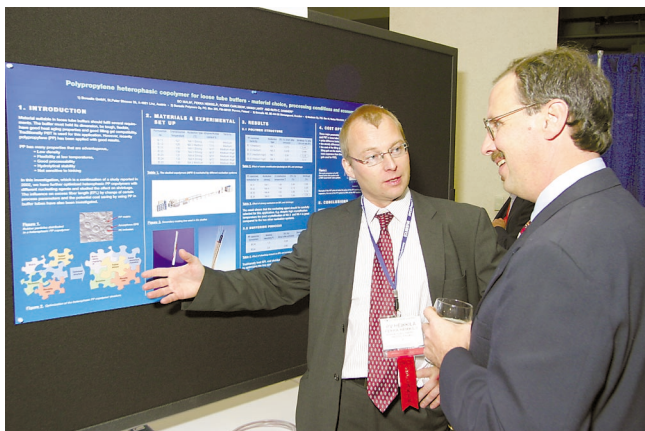
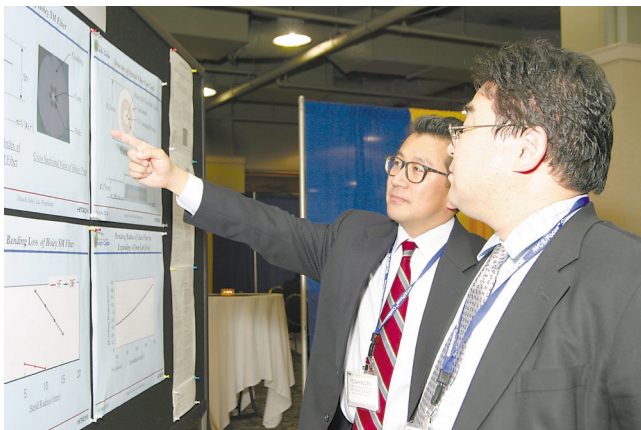
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# 2005 Call For Papers, 54th IWCS/Focus™ Conference Providence, RI, USA, November 13 to 16, 2005

## Topic Details

If your work is of interest to the worldwide wire and cable industry, then it should be presented at IWCS/Focus. 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. Additional ideas for leading-edge topics are shown in the box below:



Photos on these pages by Dave Brackmann/IWCS

### Leading-Edge Topic Ideas:

#### **THE LAST MILE:**

- Triple Play Fibers
- Drop Cables
- Factory Installed Termination Systems (FITS)
- VOIP Deployments
- ADSL, ADSL+, ADSL+2, VDSL, xDSL
- FTTH, FTTD, FTTP, FTTx
- Power Over Ethernet
- Broadband Products
- Next Generation Ethernet
- Telco TV Technologies

#### **NEW CABLE DESIGNS:**

- Dry Cable Technology
- "Alternate Right of Way" Cables
- Microcables
- Premises Cables

#### **CABLE INSTALLATION METHODS:**

- Cable Blowing Systems
- Installation in Gas or Water Pipes
- Direct Buried Cable
- Minitrench Installations

#### **CONNECTIVITY AND CONVERGENCE:**

- Connectors
- Cable Assembly & Wire Harnesses

#### **MATERIALS:**

- Plastic Base Resins and Compounds
- Flame Retardants
- Nanotechnology
- Crosslinking Technology
- Foaming Additives
- Special Fillers
- Materials Rheology

#### **POWER CABLE:**

- High Capacity Power Cables
- Superconductivity
- Power Line Communications (PLC)
- Copper Alloy Development

#### **SPECIALTY AREAS:**

- Flat Automotive Cables
- Industrial Cabling: Standards & Applications
- Intelligent Patching: Copper & Fiber
- Developing Markets (e.g., China, India)

# Submission Requirements

Abstracts can be submitted from industry or academic professionals, from any geographic location, that 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 54th IWCS/Focus Conference proceedings. All authors will present their work, in either an oral or poster presentation, at the IWCS™ Symposium portion of the 2005 conference. In addition, the following awards will be given: Outstanding Technical Paper, Outstanding Poster Paper, and Best Presentation. See black box at the bottom of this page for submission instructions.

## Components of the IWCS/Focus™ Conference

In addition to the papers presented in the IWCS™ Symposium portion of the IWCS/Focus™ 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 2004 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.

**Suppliers Forum:** An exhibit of dozens of the world's leading suppliers of materials, accessories and machinery used for making wire and cable.

**Professional Development Courses:** A new certification program featuring three required Core courses (offered annually) and two Elective courses selected from a series of more advanced topics (offered approximately every two years). Courses offered in 2004 are shown in the grey box below, with each of the Core courses bearing the 101 designation.

**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 at company-sponsored events.



Vinton G. Cerf, "Father of the Internet," at the 2004 Plenary Session



Networking at registration

**Abstract submissions require the following:**  
Title, author(s) and description (up to 500 words).  
All submissions must be made on-line at  
[www.iwcs.org](http://www.iwcs.org) in the specified format.  
Deadline: April 29, 2005.

Notification of accepted abstracts: May 31, 2005

Completed paper due via on-line: August 14, 2005

Presentation at IWCS/Focus™ Conference:  
November 13 to 16, 2005  
Providence, RI, USA

Contacts at IWCS, Inc.:  
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+1 732 389 0990, [admin@iwcs.org](mailto:admin@iwcs.org)

### 2004 IWCS/Focus Professional Development Courses:

- FO 101—Fundamentals of Optical Fibers & FO Cable Design & Applications
- FO 201 & 202—Fiber in the Loop (FITL)
- FO 201—Systems Experience
- FO 202—Installation & Maintenance
- FO 203—Fundamentals of Broadband and FTT(x)
- CU 101—Fundamentals of Copper Conductors & Metallic Cable Design & Applications
- 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 203—Polymer Coating for Optical Fibers



2004 Course

**IWCS  
Focus**



**Begin now to plan for your participation in the  
54th IWCS/Focus Conference in  
Providence, RI, USA, November 13 to 16, 2005**

**Call For Papers Details Inside**

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**About the IWCS, Inc. & the IWCS/Focus™ Conference:**

The International Wire & Cable Symposium, Inc. (IWCS, Inc.), Eatontown, NJ, USA, is a 503(c)(3) Nonprofit Corporation incorporated in the State of New Jersey, for the purpose of providing a forum for the exchange of information among suppliers, manufacturers and users on advancements in materials, processes, products and applications for transmission and distribution systems of voice, data, video signal and electrical current. The IWCS/Focus Conference is organized by the IWCS, Inc. Held annually, it 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 [admin@iwcs.org](mailto:admin@iwcs.org), [www.iwcs.org](http://www.iwcs.org) or +1 732 389 0990.

**Supporting Associates of the IWCS/Focus Conference:**

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Europacable: [www.europecable.org](http://www.europecable.org)



WCISA Wire and Cable Suppliers Association:  
[www.wcisa.org](http://www.wcisa.org)



Wire & Cable Technology International,  
the Official Magazine of the IWCS/Focus Conference:  
[www.wiretech.com](http://www.wiretech.com)

