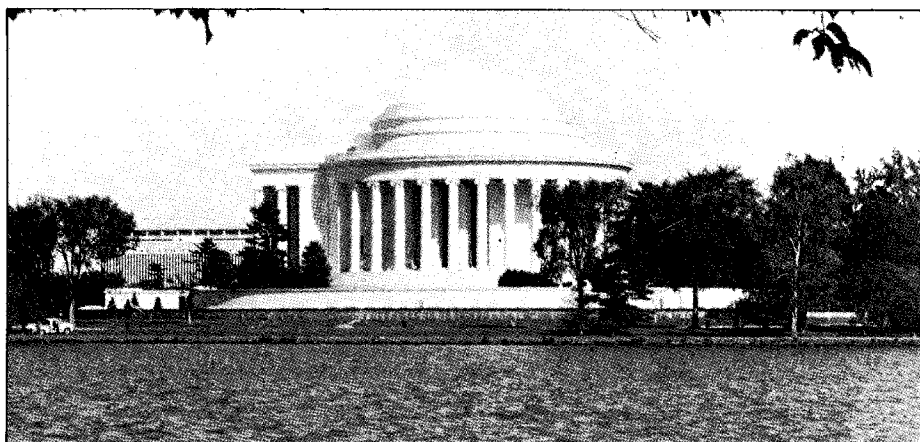


IWCS

36TH INTERNATIONAL WIRE AND CABLE SYMPOSIUM



Special Sessions:

Superconductivity
Combustion Toxicology
Future Network Architecture
Materials

Sponsored by:

U.S. Army Communications-Electronics Command (CECOM)

A MAJOR TECHNICAL EVENT... THE TRADITION CONTINUES

If the latest wire and cable developments in Telecommunications, Electronics, Control, Interconnections, Computers, Digital Data Transmission Systems, or Local Area or Local Loop Networks are important to you, then you will want to attend the 36th International Wire and Cable Symposium (IWCS). There will also be special sessions on superconductivity, combustion toxicology, future network architecture and materials.

The annual IWCS is the only worldwide forum for communicating new developments in wire, cable, fiber optics and interconnections. In fact, most major communications developments adopted by the wire and cable industry were presented first at an IWCS meeting.

You are cordially invited to attend this year's meeting, November 17-19, 1987, at the Crystal Gateway Marriott Hotel in Arlington, Virginia, just minutes from the Washington, D.C. National Airport.

The 1987 program continues in the IWCS tradition of excellent, wide-ranging technical content. It features many leading industry and military experts presenting technical papers on advancements in materials, optical waveguides, wire, cable and systems technology. Poster sessions, which provide a unique opportunity for one-on-one interactions with the presenters, will also be held on topics such as materials, measurement techniques, test procedures and field evaluations.

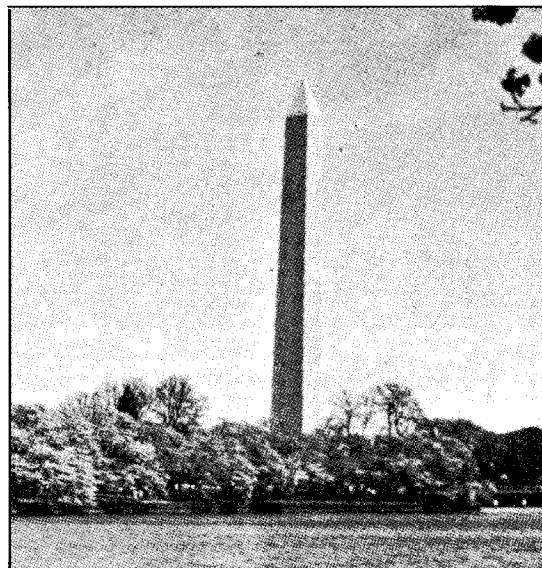
The symposium also provides an opportunity for industry representatives—materials suppliers, equipment designers, cable manufacturers and systems users—and the military to discuss emerging trends and exchange technical information.

With such a strong technical focus, set against the exciting and convenient Washington, D.C. backdrop, the 1987 IWCS is sure to be another major technical event. So, please plan to join us, Tuesday through Thursday, November 17-19, 1987.

ABOUT THIS BROCHURE

In this brochure, you will find general information about the symposium, highlights of the technical sessions and a Hotel Reservation Form. Registration will be held at the Crystal Gateway Marriott during the symposium.

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Courtesy of Washington Convention and Visitors Association

OUR DISTINGUISHED INVITED SPEAKERS



Eugene Famolari, Jr.
Director, Center for Command, Control
and Communications (C³) Systems
U.S. Army CECOM, Ft. Monmouth, NJ



Michael L. Bandler
Vice President
Network Engineering and Planning
Pacific Bell
San Ramon, CA



Clark Barlow
Vice President
Operations Support,
GTE Service Corp.
Stanford, CT



Gary J. Handler
Vice President
Network Planning
Bell Communications Research
Livingston, NJ

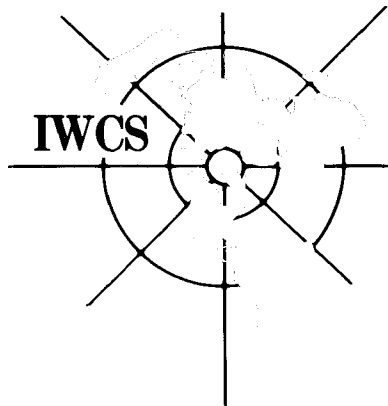


William J. Noll
Vice President
Network Technology
Bell Northern Research
Ottawa, Canada

LUNCHEON GUEST SPEAKER



Dr. C. Kumar N. Patel
Executive Director, Research, Material Science,
Engineering and Academic Affairs Division
AT&T Bell Laboratories
Murray Hill, NJ



THE TRADITION OF EXCELLENCE CONTINUES

Launched in 1952 by the Army Signal Corps to help develop better wire and cable, today, these meetings are known worldwide as an invaluable source for keeping abreast of wire, cable and fiber-optic advancements.

"While IWCS initially focused on military needs, it has rapidly evolved into an industry-wide forum for exchanging technical information on a broad spectrum of wire and cable applications," explains Elmer "Ace" Godwin, Symposium Director.

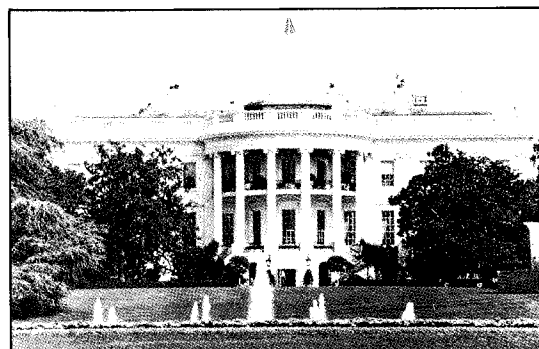
These meetings have contributed to the cost-effective development and production of lighter, more environmentally resistant wire and cable constructions that offer easier installation and enhanced dependability over greater distances. What's more, new developments in advanced technologies always dominate the IWCS technical program.

"One of the reasons IWCS attendance has soared—from a few hundred participants initially to the current average 1,300 worldwide representatives—is that the meetings provide a unique opportunity for discussing the industry's emerging trends and new technologies," says Milton Tenzer, one of the original symposium organizers.

"These insights into the future benefit all facets of the industry—the materials suppliers, equipment designers, cable manufacturers as well as the systems users," Tenzer adds.

As you can see from Table I, the current IWCS committee members are affiliated with all major segments of the wire and cable industry. In addition to this diverse representation, each year the multinational participation in IWCS increases (Table II). The international impact of the meeting draws representatives from every country involved in wire and cable developments.

With U.S. Army CECOM as the sponsor and the excellent technical program that is planned, this year's symposium is sure to continue the IWCS tradition of excellence.



Courtesy of Washington Convention and Visitors Association

Conference At A Glance

TECHNICAL PROGRAM

Tuesday, 17 November 1987

9:30	Announcements/Greetings					
10:00	Session 1 (L. Hewitt) Tutorial - Future Network Architecture Handler - Noll - Barlow - Bandler					
12:00	Lunch - Break					
1:30	Session 2 (Farago) Material & Processing	Session 3 (Webster) Testing of Official Fibers and Cables	Session 4 (Bark) Fiber Optic Cable Design for Special Applications I	Session 5 (Mascarenhas) Tutorial on Combustion Toxicology of Polymeric Materials Used in Cables		
3:15	Break					
3:30	Session 1 Continued	Session 2 Continued	Session 3 Continued	Session 4 Continued	Session 5 (Gerdes) Poster Session	
4:30						
5:30	Break					
6:30	Hospitality Hour					
8:00						

Wednesday, 18 November 1987

8:30	Session 7 (Jaeger) Coatings for Optical Fiber	Session 8 (DeLucia) Fire, Smoke & Toxicity Technology	Session 9 (Simpkins) Fiber Optic Cable Design for Special Applications II
10:00	Break		
10:15	Session 7 Continued	Session 8 Continued	Session 9 Continued
11:30	Awards Luncheon		
2:00	Session 10 (Streich) Materials and Processing II	Session 11 (Kolodny) Fiber Optic Cable Design I	Session 12 (Tachikawa) Optical Splices and Connectors
3:45	Break		
4:00	Session 13 (Chattler) Superconductivity and The Telephone Network		
6:00			

Thursday, 19 November 1987

8:30	Session 14 (Short) Aerial Fiber Optic Cables	Session 15 (Streich) Copper Cable Design 1	Session 16 (Gerdes) Fiber Optic Installation & Systems	Session 17 (Jones) Topical Seminar Materials
10:00	Break			
10:15	Session 14 Continued	Session 15 Continued	Session 16 Continued	Session 17 Continued
12:00	Lunch Break			
1:30	Session 18 (Bark) Characteristics of Optical Fiber	Session 19 (Kolodny) Fiber Optic Cable Design 2	Session 20 (Gurney) Closures and Encapsulates	Session 21 (Chattler) Copper Cable Design 2
3:00	Break			
3:15	Session 18 Continued	Session 19 Continued	Session 20 Continued	Session 21 Continued
4:30				