64th International Cable and Connectivity Symposium (IWCS 2015)

Industry Leadership, Innovation and Professional Development

Atlanta, Georgia, USA
5-8 October 2015

ISBN: 978-1-5108-1833-0
SESSION 1: EXECUTIVE TRACK | Hanover CDE
Chairperson: Robert M. Canny, RSCC Wire & Cable LLC, Connecticut, USA
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1-3 (8:50) Global Supply Trends for Plastics – M. Taylor, SPI: The Plastics Industry Trade Association, Washington, DC, USA
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1-5 (10:10) Implication of Bandwidth Growth on Network Deployment – D. Mazzarese, OFS, Georgia, USA
1-6 (10:35) HDBaseT: Solving the Power Game – A. Sobelman, HDBaseT Alliance, Oregon, USA
1-7 (11:00) Perspective on the Future of Power Over Ethernet – J. Lapak, Univ of NH / InterOperability Laboratory, New Hampshire, USA
1-8 (11:25) Economic Outlook – R. Fry, Robert Fry Economics LLC, Delaware, USA

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2-3 (8:50) Micro Fiber Pathway and an Easy Access Fiber Drop Cable for Single Family Unit and Multi-Dwelling Unit Applications - R. Parikh and D. Larson, 3M Company, Texas, USA; and D. Collado, Prysmian Group, North Carolina, USA
2-4 (9:15) Review of Progress in Optical Ring Resonators with Crosstalk Modelling in OADMs – R. Mansoor and A. Duffy, De Montfort University, Leicester, United Kingdom

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Chairperson: Guy Castonguay, Corning Optical Communications, LLC, Arizona, USA

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Chairperson: Peter Pilon, OFS, Massachusetts, USA

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Professor Alistair Duffy, De Montfort University, Leicester, United Kingdom

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**Hanover AB**

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13-4 (9:15) Subsea and EHV Cables Require a Challenging Purity Degree of XLPE-Material - J. Dognazzi, Sikora International Corp., Georgia, USA; and H. Prunk, Sikora AG, Bremen, Germany

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Chairperson: Eric Whitham, OFS, Georgia, USA

14-1 (8:00) Micro Optical Cables System - A Solution to Brazilian Market - J.C.V. da Silva, E.L.A.S. de Souza, F.G. Corcini and A.R. Sampaio, Prysmian Draka Brazil S/A, Sorocaba, Brazil; J.G.D. de Aguiar and B.N. Aires, CPqD, Campinas, Brazil


14-3 (8:50) 288 Fiber Ultra-High Fiber Density Micro-Duct Cable with Extreme Operating Performance - J. Quinn, AFL, South Carolina, USA; and O. Storaasli, Dura-Line, Tennessee, USA

14-4 (9:15) High Density Micro Cable Family with Next Generation 200 Micron Fibers - S. Olszewski, Corning Optical Communications Polska, Stryków, Poland; J. Toughlian, Corning Optical Communications, North Carolina, USA; M. Emmerich, Corning Optical Communications GmbH & Co., KG, Berlin, Germany; and K. Smith, Corning Optical Communications LLC, North Carolina, USA

THURSDAY, OCTOBER 8, 2015, 12:30 PM – 3:30 PM

SESSION 15: CODES AND STANDARDS | Hanover C

Chairperson: Steven A. Galan, Underwriters Laboratories, Inc., New York, USA


15-2 (12:55) UL Standard Revisions and Proposals, Tri-National Standard Harmonization Activities - A.T. Tassone, Underwriters Laboratories LLC, New York, USA; and S. Stene, Underwriters Laboratories LLC, California, USA

15-3 (1:20) Europe Turns up the Heat on Construction Cables - J. Hodge and G. Stainthorpe, BASEC, Milton Keynes, United Kingdom

15-4 (1:45) Fiber Optic Cable Standards - What’s New in CENELEC? - W. Stöcklein, Corning Optical Communications, Berlin, Germany; L. Diakité, Sycabel, Paris, France

BREAK (2:10 – 2:40) – iPad drawing (must be present to win)


15-6 (3:05) IEC Standardization of Optical Fibres and Cables - B. Arvidsson, Fiberson AB, Huddiksvall, Sweden; G. Kuyt, Prysmian Group, Eindhoven, The Netherlands; and M. Kinard, OFS, Georgia, USA

SESSION 16: HIGH DENSITY OPTICAL FIBER CABLE & AERIAL CABLE | Hanover FG

Chairperson: Tomoyuki Hattori, Sumitomo Electric Ind., Ltd., Yokohama, Japan


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16-4 (1:45) Technique for Housing Optical Fibers in Underground Closure Applied Ultra High-Count and High-Density Optical Fiber Cable - M. Nogami, K. Nitta, R. Tanaka, K. Nishimura and Y. Aoyagi, NTT East and West Corporation, Ibaraki, Japan


16-6 (3:05) Development of a Totally Dry Aerial Dielectric Self Support Cable Family - T. Goddard and R. Norris, OFS, Georgia, USA

SESSION 17: ENSURING A RELIABLE OPTICAL NETWORK
Hanover AB

Chairperson: Eric R. Logan, Corning Optical Communications LLC, North Carolina, USA

17-1 (12:30) Long Span Aerial Cable Installation Technology - K. Kawaguchi, R. Yasui, K. Shimokubo and K. Takamizawa, NTT Corporation, Ibaraki, Japan

17-2 (12:55) Revealing the Losses in Installed Fiber Cable Links Consisting of Cables of Different Age by OTDR Measurements at Several Wavelengths - S. Hopland, Telenor Norway, Fornebu, Norway

17-3 (1:20) Microscope Integrated with an Optical Connector Cleaner - Y. Higuchi, K. Hadama and J. Yamaguchi, NTT Corporation, Kanagawa Pref., Japan; and T. Miura, NTT Advanced Technology Corp, Tokyo, Japan

17-4 (1:45) New Optical Fiber Identifier - K. Matsuoka, S. Niimi, M. Miyamoto and H. Sugawara, Fujikura Ltd., Sakura, Japan


17-6 (3:05) Development of De-Icing OPGW - L. Ming, X. Yongjun, M. Chunyan and Z. Houpeng, Zhongtian Power Optical Cable Co., Ltd., Nantong, P.R. China; W. Daogen and M. Jingjing, Jiangdong Fittings Equipment Co., Ltd., Nantong, P.R. China

SESSION 18: FLAME RETARDANT TECHNOLOGY
Hanover DE

Chairperson: Daniel Winkler, Leoni Engineering Products & Services Inc., Michigan, USA

18-1 (12:30) Novel Strategies for Imparting Flame Retardancy to Polyolefins - B. Chaudhary, J. Cogen, M. Mundra and A. Batra, The Dow Chemical Co., Pennsylvania, USA


18-4 (1:45) Not Your Grandfather's LSZH - E.W. Bates and M. Vassallo, General Cable, Indiana, USA

18-5 (2:40) Quantification of the Flexibility of Flame Retardant Insulation and Jacket Materials When Designing Wire & Cable Products - P. Lorigan, T & T Marketing, Inc., Pennsylvania, USA