

OFS Researchers Receive Award and Present Technical Papers at IWCS Symposium

Norcross, Georgia, October 25, 2018 – OFS, a leading innovator of fiber optic products, announced today that the International Cable and Wire Symposium (IWCS) recognized two OFS researchers for the “Outstanding Poster Paper” during the annual IWCS Cable & Connectivity Symposium held in Providence, Rhode Island, October 14-17, 2018.

Dr. Rasmus Vincentz Jenson and Dr. Bera Pálsdóttir of OFS Denmark co-authored the winning paper, *Optimization of 12 Core MCF with Hexagonal Close-Packed Structure*, and shared the award with Ryuichi Sugizaki, Koichi Maeda and Kohel Kawasaki of Furukawa Electric, the parent company of OFS. In addition to this award, OFS researchers presented six other technical papers.

According to Dr. Durgesh S. Vaidya, OFS Director of Global Fiber and Connectivity Research and Development, “This award and the research papers showcased innovation by OFS and the Furukawa Electric Group in High-Density Fiber Optic Cables. These developments include Rollable Ribbon fiber optic technology, Ultra-Low Loss (ULL) Optical Fiber Applications for Long Haul transmissions and Multimode Fiber technology for data center and short-reach applications, as well as Specialty Optics for aggressive environments.”

The OFS technical papers presented were:

- *Advanced Fibers for Long Haul and Submarine Networks* – D. Mazzaresse, OFS, Norcross, Georgia, USA
- *Aging of Optical Fibers in Aggressive Environments: Mimicking Downhole and Undersea Applications* – A. Stolov, OFS, Avon, Connecticut, USA
- *Development of High Density Indoor and Indoor/Outdoor Cables Incorporating Rollable Ribbon Units* – A. Scarpaci, V. Hill, P. Debban and P. Weimann, OFS, Carrollton, Georgia, USA
- *Development of High Density Loose Tube Cables Incorporating Rollable Ribbon Units* – P. Debban, P. Weimann, H. Toland and T. Goddard – OFS, Carrollton, Georgia, USA
- *Large-Area Ultra-Low Loss Fibers for High Capacity Long-Haul “Hut-Skipped” Transmission Systems* - B. Zhu, P. Wisk and D. DiGiovanni, OFS Labs, Somerset, New Jersey, USA; P. Borel, T.

Geisler, R. Jensen, M. Stegmaier, B. Pálsdóttir, OFS, Broendby, Denmark; D. Peckham, A. McCurdy and R. Lingle, OFS, Norcross, Georgia, USA; D. Vaidya, OFS, Sturbridge Massachusetts, USA

- *Standards, Technology, Market and Industry Trends for MMF* – J. Kamino, M. Choudhury, R. Lingle, R. Shubochkin, D. Vaidya, D. Braganza and Y. Sun, OFS, Norcross, Georgia, USA
- *Technical Feasibility of New 200 Gb/S and 400 Gb/S Links for Data Centers* – Y. Sun, A. Swartz, R. Lingle, J. Kamino, OFS, Norcross, Georgia, USA; R. Shubochkin and D. Braganza, OFS, Sturbridge, Massachusetts, USA.

About OFS

OFS is a world-leading designer, manufacturer and provider of optical fiber, fiber optic cable, connectivity, fiber-to-the-subscriber (FTTx) and specialty photonics products. We provide reliable, cost-effective solutions for a broad range of applications including telecommunications, medicine, industrial automation, sensing, government, aerospace and defense. These products help our customers meet the needs of consumers and businesses, both today and into the future.

Headquartered in Norcross (near Atlanta) Georgia, U.S.A., OFS is a global provider with facilities in China, Denmark, Germany, Russia and the United States. OFS is part of Furukawa Electric Co. Ltd., a multi-billion-dollar leader in optical communications.

Please visit www.ofsoptics.com.

About IWCS

The IWCS International Cable & Connectivity Symposium is the premier venue for new technologies in cable and connectivity products, processes and applications. For 65 years, the IWCS Symposium has been the leading worldwide conference for peer reviewed papers and presentations on technologies and trends in cable and connectivity for the communications, data, electronics, power, industrial, automotive and aerospace industries.

Please visit www.iwcs.org.

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