

Contribution to other Publications

Contribution to other Publications (April 2025 to March 2026)

Author	Affiliation	Title	Publication
Ryota Kaji Kodai Ishida Kazuyoshi Inoue Takuya Oda Katsuhiro Takenaga Kentaro Ichii	*1 M M *1 *1 *1	Comparison of Crosstalk Measurement Methods for Weakly-coupled Multicore Fibers	OECC
K. Komatsu K. Ishida S. Beppu D. Soma S. Sumita T. Fukushima K. Inoue H. Takahashi Y. Wakayama T. Tsuritani	*2 M *2 *2 *2 M M *2 *2 *2	Impact of Inter-Core Crosstalk on Coherent Optical Time-Domain Reflectometry in Repeated Multicore Fibre Systems	ECOC 2025 (The 51st European Conference on Optical Communication, 28 Sep. - 2 Oct. 2025)
Takamoto Yokosawa Tomohiro Matsui	R R	Unconventional thermal conductivity of suspended zigzag graphene nanomesh	arXiv:2601.10935
Hiroshi Shibata Kohei Watanabe Hiroshi Yamamoto Ken Ito Motohiro Banno Shinji Morimoto Yosho Kanda	*3 *3 *3 *3 M M M	Evaluation of anomaly detection in optical transport networks using GSNR estimation method	The Institute of Electronics, Information and Communication Engineers Society Conference, B-6-65
Hiroshi Shibata Kohei Watanabe Hiroshi Yamamoto Ken Ito Motohiro Banno Shinji Morimoto Yosho Kanda	*3 *3 *3 *3 M M M	Practicality Evaluation of GSNR Estimation Methods Using DCO Transceivers	To be published in IEICE Technical Report NS2025 (in Japanese)
Takashi Kawamura	M	Current Status and Future Prospects of Terahertz Wave Technology (Supervised by Osamu Hashimoto)	Joho Kiko Co., Ltd., Chapter 1, Section 4, Subsection 1, pp. 59–69, July 2025. (in Japanese)
Eiji Taniguchi Jyunichi Sano Yuma Kinno Kohei Suzuki	I I I I	Comprehensive quality assessment of all solid dosage units using Real-Time Near-Infrared Transmission Spectroscopy System (Ariphas)	PHARMA TECH JAPAN, Vo.42, No.2 (2026)
Motoki Inoue Eiji Taniguchi Jyunichi Sano	*4 I I	Real-Time Total Content Uniformity Assessment of Solid Dosage Forms Using Near-Infrared Transmission Spectroscopy	Analytical Chemistry 2025, 97, 11, 6111-6117

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K. Komatsu K. Ishida S. Beppu D. Soma S. Sumita T. Fukushima H. Takahashi Y. Wakayama T. Tsuritani	*2 M *2 *2 *2 M *2 *2 *2	Repeater Fault Detection and Localization Using Coherent OTDR for Multicore Fiber Submarine Cable Systems	OFC2026 (Optical Fiber Communication Conference & Exhibition, 15 - 19 March 2026)
Haruto Horino Takahiro Matsuda Hirofumi Suganuma Shinichi Segawa	*5 *5 M M	Validation of an IRS Deployment Method Based on Single-Reflection Point Distribution	IEICE Technical Report, CQ2025-119, Mar. 2026.
Akiko Tada Masaru Koshihara Takanori Saitoh	D D D	High-accuracy OFDR-type dynamic distributed strain measurement using phase integration coherence compensation method and interferometer base point shift	29th International Conference on Optical Fiber Sensors, 136392V (22 May 2025)
Akiko Tada Masaru Koshihara Takanori Saitoh	D D D	High accuracy OFDR system using phase integration coherence compensation method and its application to shape measurement	IEICE Tech. Rep., vol. 125, no. 199, OFT2025-57, pp. 118-123, Oct. 2025.
Akiko Tada Masaru Koshihara Takanori Saitoh	D D D	High accuracy OFDR system with phase integration coherence compensation	73rd Meeting on Lightwave Sensing Technology LST73-14 (2025)

R : Advanced Research Laboratory

M : Test&Measurement Company

I : Infivis Company

D : Sensing&Devices Company

E : Environmental Measurement Company

H : Engineering Div.

*1 : Fujikura Ltd

*2 : KDDI Research, Inc.

*3 : NTT, Inc.

*4 : Hoshi University

*5 : Tokyo Metropolitan University