

Day 1: Wednesday, 3 November (JST, UTC+09:00)

09:00-09:15	Opening Remark
Session W1 (09:15-12:00) Presider: Masataka Nakazawa (Tohoku University, Japan)	
09:15-10:15	W1.1 Plenary Joseph M. Kahn (Stanford University, USA) "Extremes: From Coherent Data Center Links to Amplifier Physics-Optimized Submarine Cables"
10:15-10:45	W1.2 Invited Victor I. Kopp (Chiral Photonics, USA) "Vanishing core fanout technology for telecom, datacom and sensing applications"
10:45-11:00	Break
11:00-11:30	W1.3 Invited Yutaka Miyamoto (NTT, Japan) "SDM Photonic Node for Scalable Optical Transport Network"
11:30-12:00	W1.4 Invited Koji Igarashi (Osaka University, Japan) "Real-time MIMO DSP in Mode-division Multiplexed Transmission"
12:00-15:00	Lunch
Session W2 (15:00-17:45) Presider: Masatoshi Suzuki (KDDI Research, Japan)	
15:00-15:30	W2.1 Invited Riccardo Veronese (Prysmian Group, Italy) "Distributed characterization of SDM fibers"
15:30-16:00	W2.2 Invited Francesco Da Ros (Technical University of Denmark, Denmark) "Optical Cancellation of Intra-modal Four-Wave-Mixing for Three-Mode Fibers through Optical Phase Conjugation"
16:00-16:15	Break
16:15-17:15	W2.3 Plenary Andrew Ellis (Aston University, UK) and Martin P.J. Lavery (University of Glasgow, UK) "Integrating Fibre and Cable Free Passive Optical Networking"
17:15-17:45	W2.4 Invited Filipe M. Ferreira (University College London, UK) "Modelling Challenges in Spatial Mode Multiplexed Systems"

Day 2: Thursday, 4 November (JST, UTC+09:00)

Session T1 (09:00-11:45) Presider: Yuichi Matsushima (Waseda University, Japan)

09:00-09:30	T1.1 Invited Ming-Jun Li (Corning, USA) "Multicore Fibers for High Density Optical Interconnect Applications"
09:30-10:00	T1.2 Invited Haoshuo Chen (Nokia Bell Labs, USA) "Leveraging Spatial Modes for Co-Packaged Optics"
10:00-10:15	Break
10:15-10:45	T1.3 Invited Shigehiro Takasaka (Furukawa Electric, Japan) "Perspective on Power Consumption of Multi-Core EDFA"
10:45-11:15	T1.4 Invited Ryo Nagase (Chiba Institute of Technology, Japan) "How to connect SDM fibers?"
11:15-11:45	T1.5 Invited Yuta Wakayama (KDDI Research, Japan) "Large capacity/long distance SDM transmission"
11:45-13:00	Lunch
13:00-14:00	Poster Session 1 (P-01 ~ P-11)
14:00-14:30	Break
14:30-15:30	Poster Session 2 (P-12 ~ P-22)

Day 3: Friday, 5 November (JST, UTC+09:00)

Session F1 (09:00-11:15) Presider: Yoshinari Awaji (NICT, Japan)

09:00-09:30	F1.1 Invited David T. Neilson (Nokia Bell Labs, USA) "Scaling fiber-optic networking for the next 20 years"
09:30-10:00	F1.2 Invited Lara D. Garrett (SubCom, USA) "Capacity and Connectivity Trends in Undersea Systems"
10:00-10:15	Break
10:15-10:45	F1.3 Invited Hirotaka Sakuma (Sumitomo Electric, Japan) "Ultra-low loss SDM fiber technologies for long-haul transmission"
10:45-11:15	F1.4 Invited Takashi Matsui (NTT, Japan) "Standard 125- μ m cladding multi-core fiber toward practical use and standardization"
11:15-15:00	Lunch

Session F2 (15:00-17:15) Presider: Masanori Koshiha (Hokkaido University, Japan)

15:00-15:30	F2.1 Invited Christian Koos (Karlsruhe Institute of Technology, Germany) "Hybrid Photonic Integration and 3D Nano-Printing – Technologies for Advanced Optical Transmission and Signal Processing"
15:30-16:00	F2.2 Invited Hervé Rigneault (Aix-Marseille Université, France) and Esben Ravn Andresen (Université de Lille, France) "Ultra-miniaturized Endoscopes with Multi-Core Fibers"
16:00-16:15	Break
16:15-16:45	F2.3 Invited Robert R. Thomson (Heriot-Watt University, UK) "Ultrafast laser inscribed 3D photonic components for manipulating spatial modes"
16:45-17:15	F2.4 Invited Tiago M. F. Alves (Instituto de Telecomunicações, Portugal) "Intercore Crosstalk in Direct-Detection Weakly-Coupled Multicore Fiber Systems"
17:15-17:30	Closing Remark