

Agenda

Global Advanced Optoelectronic Technology and Industry Development Seminar

Times	Topics	Speakers & Companies
First Half : Challenge the Limits of Optical Transmission		
09:00-09:15	IPEC organization introduction	Junjie Li, Chairman, IPEC
09:15-09:45	Trends and challenges of All-Optical Network from the perspective of carriers	Leping Wei, Chairman of Technology Steering Committee, China Telecom
09:45-10:15	Challenges and standard development of ultra-broadband optoelectronic component	Yibo Liang, Senior Product Planning Director, HiSilicon Optoelectronics
10:15-10:45	Optical communications innovations for free-space and optical-signal-processing applications	Prof. Allan Willner, University of Southern California
10:45-11:15	Self-homodyne coherent interconnection for short-reach: prospects and challenges to devices	Prof. Ming Tang, Huazhong University of Science and Technology
11:15-11:45	State-of-the-art high-speed laser/modulator for short reach optical interconnects	Prof. Xun Li, McMaster University
Second Half: Exploring New Optical Applications		
15:30-15:35	Welcome address: global photonics collaboration	Carlos Lee, Secretary General, EPIC
15:35-15:55	Key optical technology areas to explore for next 5 years	Frank Chang, Senior Product Director, Source Photonics
15:55-16:25	Recent R&D efforts and progress of MCF technology toward practical deployment in communications	Dr. Takehiro Tsuritani, KDDI Lab
16:25-16:55	Industrial applications and International standards of fiber optic sensors	Prof. Hideaki Murayama, Tokyo University
16:55-17:25	Quantum dot display	Prof. Jong Min Kim, University of Cambridge
17:25-17:55	Photonic integration for communication and sensing	Prof. Martin Schell, HHI (Heinrich Hertz Institute)
17:55-18:00 Workshop wrap up		