

Industry Forum: Progress of Integrated Optoelectronics

Description:

Integrated optoelectronics is empowering several areas, like telecommunication, high-performance computing, DNA sequencing, quantum information, etc..

Distinguished speakers from the industry will discuss the latest advances and trends of the integrated optoelectronics. The following topics will be covered in this forum:

- Silicon photonics pilot line in China
- Photonic EDA tools and ecosystem
- Advanced micro-nano processing technologies
- Packaging progress in III-V and silicon photonics
- Digital/analog/image testing in integrated optoelectronics

Time: Friday, October 26th, 2018

Chair: Mark Ding, G.M., Shanghai Industrial μ Technology Research Institute (SITRI), China

Co-Chairs: Jin Guo, Director, The 38th Institute of CETC, China and Songwei Zhang, CTO, GoLight Technology Co., Ltd, China

Speakers:

14:00-14:20, Mingbin Yu, SITRI, China

Topic: TBD

14:20-14:40, Linjie Zhou, Shanghai Jiaotong University, China

Topic: Silicon Optical Switch Development and Challenges

14:40-15:00, Guowei Cao, The 38th Institute of CETC, China

Topic: Completing a Silicon Photonics Ecosystem in China

15:00-15:20, Songwei Zhang, GoLight, China

Topic: Automatic Packaging and Testing in Silicon Photonics Modules

15:20-15:40, Coffee Break

15:40-16:00, Min Xue, NUAA, China

Topic: Measurement, Analysis and Calibration of Analog Response for Photonic Integrated Chips

16:00-16:20, Wanyin Cui, Nanoscribe GmbH, Germany

Topic: Sub-diffraction Limit 3D Printing and Photonic Wire Bonding Technologies

16:20-16:40, Lam Yee Loy, Denselight Semiconductor, Singapore

Topic: Advances in PIC - Using DenseLight's HiPP™ Platform to Deliver Integrated Sensing Optical Engines & Interrogator Systems

16:40-17:00, Peter Chan, Santec, Japan

Topic: Applications of High Speed, High Accuracy & High Resolution

Swept Test Laser

17:00-17:20 Zi Wang, Hamamatsu, Japan

Topic: Explosive Growth of Communication Speed: The Application of

SLM in Optical Vortices