



Session Title	Silicon Photonics	Session Code	Workshop II
Date and Time	July 2 (Mon.) / 14:00-17:00		
Place	Room D		
Organizer	Donghwan Ahn (Kookmin Univ.), Woo-Young Choi (Yonsei Univ.), and Hanyoul Ryu (Inha Univ.)		

## [Workshop II -1] Si Photonics: Devices and Integration

14:00-15:15

Session Chair : Woo-Young Choi (Yonsei Univ.)

### **Efficient, Scalable, and Reliable III/V Quantum Dot Lasers Monolithically Integrated on Silicon**

Daehwan Jung,  
UC Santa Barbara, USA

### **Silicon-on-Chip Laser Based on Bound States in The Continuum**

Il-Sug Chung  
UNIST, Korea

### **Microring Resonator on Silicon**

Daixin Dai  
Zhejiang Univ., China

### **High-Speed Integrated Silicon Photonics**

Jason Png  
IHPC, ASTAR, Singapore

### **Monolithic Photonic BiCMOS Technology: Enabler for High-Speed Transceiver Applications**

Stefan Lischke  
IHP, Germany

## [Workshop II -2] Si Photonics: Applications

15:30-17:00

Session Chair : Il-Sug Chung, UNIST

### **Silicon Photonics for Telecommunications**

Po Dong  
Nokia Bell Labs, USA

### **Silicon Photonics Technologies for High-Density Optical Interconnections**

Seok-Hwan Jeong  
PETRA, Japan

### **Silicon-Based Optical Phased Arrays for Wide-Angle Beam Forming**

Hyo-Hoon Park  
KAIST, Korea

### **Programmable Silicon Photonic Processor and its Application for Microwave Signal Processing**

Liangjun Lu  
Shanghai Jiao Tong Univ., China

### **Recent Progress of Silicon Photonics for Biosensing Applications**

Kyung-Sook Hyun  
Sejong Univ., Korea

### **OECC 2018 Secretariat**

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