



Session Title	Integrated Photonics 1	Session Code	3E2
Date and Time	July 3 (Tue.) / 16:00-17:30 (90')		
Place	Room E		
Session Chair	Ben Eggleton (Univ. of Sydney)		

### 3E2-1 (Invited)

16:00-16:30 (30')

#### **Silicon Nitride (TriPleX™) based Photonic Integrated Circuits for a Broad Range of Application Modules**

Arne Leinse  
LioniX Int'l, Netherlands

### 3E2-2 (Invited)

16:30-17:00 (30')

#### **Integrated Polarization Diversity Devices**

Kyong Hon Kim<sup>1</sup>, Yudeuk Kim<sup>1</sup>, Yoohan Kim<sup>1</sup>, Dong Wook Kim<sup>1</sup>, and Moon Hyoek Lee<sup>2</sup>  
<sup>1</sup>Inha Univ., Korea, <sup>2</sup>Heinrich Hertz Inst., Germany

### 3E2-3

17:00-17:15 (15')

#### **Two- and Three-Dimensional Polymer Directional Coupler for High-Density Optical Interconnects at 1550 nm**

Xiao Xu, Lin Ma, and Zuyuan He  
Shanghai Jiao Tong Univ., China

### 3E2-4

17:15-17:30 (15')

#### **Analytical Investigation of Generic Form Expressing Adaptive Dispersion of Optical Fractional Fourier Transform Circuit**

Tomohiro NAGANUMA and Hiroyuki UENOHARA  
Tokyo Inst. of Tech., Japan