

<b>Session Title:</b>	<b>[We3D] Novel Passive Devices 3</b>
<b>Session Date:</b>	<b>August 7 (Wed.), 2024</b>
<b>Session Time:</b>	<b>15:45-17:15</b>
<b>Session Room:</b>	<b>Room D (113)</b>
<b>Session Chairs</b>	<b>TBA</b>

**[We3D-1] [Invited] 15:45-16:15**

**Optimal Optical Interface for Fiber-integrated Quantum Photonics**

Woong Bae Jeon, Jong Sung Moon, Kyu-Young Kim, and Je-Hyung Kim (UNIST, Korea)

**[We3D-2] 16:15-16:30**

**Dual-ring Super-mode Modulator with a High Modulation Extinction Ratio**

Xinxi Zhu, Shihuan Ran, Yu Li, Liangjun Lu (Shanghai Jiao Tong Univ., China), Ningfeng Tang, Faju Liu (ZTE Corp., China), Jianping Chen, and Linjie Zhou (Shanghai Jiao Tong Univ., China)

**[We3D-3] 16:30-16:45**

**Ultralow-Loss Silicon Nitride Microresonators using Room-Temperature Sputtering**

Shuangyou Zhang, Toby Bi, Irina Harder, Olga Ohletz, Florentina Gannott, Alexander Gumann, Eduard Butzen, Yaojing Zhang, and Pascal Del'Haye (Max Planck Inst. for the Science of Light, Germany)

**[We3D-4] 16:45-17:00**

**Study of Nonlinear Silicon Nitride Waveguides Loss with Deuterated Silicon Dioxide Cladding**

Yinchen Xie, Jiaqi Li, Yanfeng Zhang, and Siyuan Yu (Sun Yat-sen Univ., China)

**[We3D-5] 17:00-17:15**

**Germanium-on-silicon Coupling and Routing Devices Operating at 8  $\mu\text{m}$**

Hongjun Cai, Wei Qi, Zhijuan Gu, Xinliang Zhang, and Yu Yu (Huazhong Univ. of Science and Tech., China)