

<b>Session Title:</b>	<b>[Th2E] Waveguide Photonics II</b>
<b>Session Date:</b>	<b>August 8 (Thu.), 2024</b>
<b>Session Time:</b>	<b>16:00-17:30</b>
<b>Session Room:</b>	<b>Room E (114)</b>
<b>Session Chairs</b>	<b>Prof. Wonkeun Chang (Nanyang Technological Univ., Singapore)</b>

**[Th2E-1] 16:00-16:15**

**Analysis of Optical Properties of Thin Passivation Layers Using Ultra-High-Q Mid-IR Microresonators**

Daewon Suk, Kiyoungh Ko, Jingyu Kim, Sang-Hee Ko Park (KAIST, Korea), Rongping Wang, Duk-Yong Choi (The Australian Nat'l Univ., Australia), and Hansuek Lee (KAIST, Korea)

**[Th2E-2] 16:15-16:30**

**Dual-comb Pump-probe Characterization of Ultrafast Nonlinear Dynamics of Silicon Photonic Waveguides**

Yifan Zhang, Xinxuan Ma, Yuhang Wan, Xin Zhao, and Zheng Zheng (Beihang Univ., China)

**[Th2E-3] 16:30-16:45**

**High-Q Nanograting Ring Resonator Coupled with Grating Waveguides**

Anh Igarashi (Tohoku Univ., Japan), Yasuo Ohtera (Toyama Prefectural Univ., Japan), and Hirohito Yamada (Tohoku Univ., Japan)

**[Th2E-4] 16:45-17:00**

**Inverse Design of a Strip-slot Waveguide Mode Converter for Enhancing Nonlinear Performance**

Ji-Hwan Park (Defense Agency for Tech. and Quality, Korea), Jae-Yong Kim, Seokjin Hong, Berkay Neseli, and Hamza Kurt (KAIST, Korea)

**[Th2E-5] [Invited] 17:00-17:30**

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