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<b>Session Title:</b>	<b>[TuB3] Optical Devices</b>
<b>Session Date:</b>	<b>July 14 (Tue.), 2026</b>
<b>Session Time:</b>	<b>14:00-15:45</b>
<b>Session Room:</b>	<b>Room B (Baekrok Hall B-2, 1F)</b>
<b>Session Chairs</b>	

<b>[TuB3-1] [Invited]</b>	<b>14:00-14:30</b>
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**Polarization Manipulation in III-Nitride Light Emitting Devices**

Fang Liu<sup>1</sup>, Yucheng Guo<sup>1</sup>, Zexing Yuan<sup>1</sup>, Xin Gao<sup>2</sup>, Zhaoying Chen<sup>1</sup>, Ping Wang<sup>1</sup>, Hailin Peng<sup>2</sup>, Bo Shen<sup>1</sup>, Zhongfan Liu<sup>2</sup>, and Xinqiang Wang<sup>1</sup>, <sup>1</sup>Peking University, China, <sup>2</sup>Great Bay University, China

<b>[TuB3-2]</b>	<b>14:30-14:45</b>
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**Impact of Thermal Budget and Carrier Gas Switching on the Performance of Multi-Color Cascaded LEDs**

Christoph Berger, Armin Dadgar, Florian Hörich, and André Strittmatter, Otto-von-Guericke-University Magdeburg, Germany

<b>[TuB3-3]</b>	<b>14:45-15:00</b>
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**MOVPE Growth of Monolithic Multi-Band SWIR-MWIR InAsSb/InAsPSb MQW Heterostructures on InP Enabled by Strain Engineering**

Dongwan Kim<sup>1</sup>, Thuy Thi Nguyen<sup>1</sup>, Minkyong Kim<sup>2</sup>, Jungwon Yoon<sup>2</sup>, Thu Trang Thi Bui<sup>1,3</sup>, Dayoung Kim<sup>1,3</sup>, Changsug Lee<sup>2</sup>, Byong Sun Chun<sup>1,3</sup>, and Sang Jun Lee<sup>1,2,3</sup>, <sup>1</sup>Korea Research Institute of Standards and Science, Korea, <sup>2</sup>IR Spectra co., LTD., Korea, <sup>3</sup>Korea Research Institute of Standards and Science, Korea

<b>[TuB3-4]</b>	<b>15:00-15:15</b>
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**Investigating Surface Treatments on GaN p-i-n Avalanche Photodiodes with Shallow Beveled Edge Termination**

Alexandra Dolgashev<sup>1</sup>, Davide Balzerani<sup>1</sup>, A. Nepomuk Otte<sup>1</sup>, Theeradetch Detchprohm<sup>1</sup>, Dhruves Biswas<sup>2</sup>, Subhra Chowdhury<sup>2</sup>, and Russell D. Dupuis<sup>1</sup>, <sup>1</sup>Georgia Institute of Technology, USA, <sup>2</sup>Magnolia Optical Technologies, USA

<b>[TuB3-5]</b>	<b>15:15-15:30</b>
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**Efficiency Optimization of 222 nm AlGaIn-Based Far-UVC LEDs**

Kexin Ren, Zhiyuan Liu, Haicheng Cao, Tingang Liu, Zixian Jiang, and Xiaohang Li, King Abdullah University of Science and Technology, Saudi Arabia

<b>[TuB3-6]</b>	<b>15:30-15:45</b>
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**Fast MOVPE Growth of AlGaAs/GaAs Dual-Junction Solar Cells**

D. Lackner<sup>1</sup>, C. Klein<sup>1</sup>, M. Klitzke<sup>1</sup>, J. Schön<sup>1,2</sup>, J. Ohlmann<sup>1</sup>, and F. Dimroth<sup>1</sup>, <sup>1</sup>Fraunhofer Institute for Solar Energy Systems ISE, Germany, <sup>2</sup>University of Freiburg, Germany