



Session Title:	[WeB2] Visible LEDs
Session Date:	July 15 (Wed.), 2026
Session Time:	13:30-15:15
Session Room:	Room B (Baekrok Hall B-2, 1F)
Session Chairs	

[WeB2-1] [Invited]	13:30-14:00
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3D MOVPE Enabling Lateral Integration of InGaN-Based RGB Micro-LEDs
Mitsuru Funato and Yoshinobu Matsuda, Kyoto University, Japan

[WeB2-2]	14:00-14:15
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Vertical GaN-on-Si LEDs on Conducting TiAlN/TiN Buffer Layers
Armin Dadgar, Fabian Grossmann, Emine Kaynar, Christoph Berger, Jürgen Blasing, and André Strittmatter, Otto-von-Guericke-Universität Magdeburg, Germany

[WeB2-3]	14:15-14:30
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From Relaxed InGaN Pseudo-Substrate to Red Emitting Quantum Wells (QWs)
H. Damen¹, D. P. Fowan², M. Nemoz², S. Vézian², B. Damilano³, A. Trassoudaine², and A. Dussaigne¹,
¹ Université Grenoble Alpes, France, ² Université Clermont Auvergne, France, ³ Université Côte d'Azur, France

[WeB2-4]	14:30-14:45
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Enhanced Light Output in Nanorod Micro-LEDs through Optical Feedback and Structural Engineering
Min-Seok Lee¹, Sung-Un Kim¹, Jeong-Kyun Oh¹, Geon-Yeong Kim¹, Dae-Young Um², Cheul-Ro Lee¹,
and Yong-Ho Ra¹, ¹ Jeonbuk National University, Korea, ² Kumoh National Institute of Technology, Korea

[WeB2-5]	14:45-15:00
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Modeling of Efficient Dual-Wavelength Blue-Green InGaN LEDs
Hao Lee¹, You-Jia Chen², Huai-Chin Huang¹, Li-Sheng Hu², Hsing-Ting Hung³, Chuang-Yu Hsieh³, Tien-Chang Lu², Chia-Yen Huang², and Yuh-Renn Wu¹, ¹ National Taiwan University, Taiwan, ² National Yang Ming Chiao Tung University, Taiwan, ³ Advanced Optoelectronic Technology Inc., Taiwan

[WeB2-6]	15:00-15:15
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Impact of V-Defect Geometry and Random Alloy Fluctuations in Cylindrical Simulations of Low-Bias Leakage in Red InGaN LEDs
Pei-Shan Hsieh and Yuh-Renn Wu, National Taiwan University, Taiwan