

2026

Power up

WBG Semiconductor Workshop

January 28th (Wed) - 30th (Fri), 2026

Dongwon Jangbogo Hall, Pukyong National University

PARTICIPANTS

WBG Semiconductor Experts from Korea, China, and Japan, and Semiconductor Stakeholders in Busan

TOPICS

Wide bandgap semiconductor materials epitaxial growth and device applications

KEY PROGRAM CONTENTS

Exchange of the Latest Technologies and Research Trends in the Global WBG Semiconductor Field, and Exploration of Strategies for Advancing Busan's Semiconductor Industry

PROGRAM & SPEAKERS

Last Five-Year Journey in Korean Gallium Oxide Alliances (K-GOAL)	Si-Young Bae
Crystal growth and fabrication of GaN nanowire-based optoelectronic devices	Satoshi Kamiyama
Innovative AlGaN-Based UV-B Laser Diodes and Monolithic GaInN-based μ LED Arrays via Tunnel Junctions	Motoaki Iwaya
Non-Destructive Defect Characterization of SiC Wafers Using Complementary Multimodal Analysis	Shunta Harada
Selective-Area GaInN/GaN Nanowire Engineering for High-Efficiency	Weifang Lu
A Multimodal Characterization for Investigating Energy Transfer and Exciton Dynamics in TADF-OLEDs	Dong-Guang Zheng
Heteroepitaxial growth of high-quality single crystal diamond	Seong-Woo Kim
Wide-bandgap semiconductor materials using AI-Driven approaches	Seong-Min Jeong
Size-dependent Efficiency Degradation in III-nitride μ -LEDs: A 2-D μ -Raman Mapping Study	Dong-Pyo Han





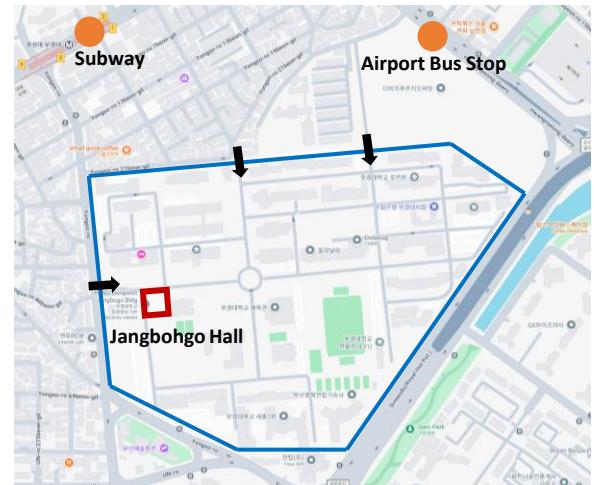
Venue



The Korea–China–Japan Workshop will be held at the Dongwon Jangbogo Hall of Pukyong National University (PKNU). Dongwon Jangbogo Hall is an educational and international exchange venue donated by the Dongwon Group to foster global talent. Since its completion in 2010, it has served as a central hub for academic events and international conferences. Located near the main gate of the campus, the hall offers excellent accessibility and features an open layout with a symbolic architectural design, making it an ideal venue for creating a professional and international atmosphere for the workshop.

Schedule & Directions

Day	Time	Program
28 th	~18:00	Arrival in Busan & Registration
	18:00~20:00	Welcome Reception
29 th	09:45~10:05	Registration & Opening Ceremony
	10:05~12:00	Invited Speakers I
	12:00~13:10	Lunch (Tavolo)
	13:10~14:40	Invited Speakers II
	14:40~15:00	Coffee Break
	15:00~16:00	Invited Speakers III
	16:00~17:00	Contributed Speakers
	17:00~18:00	Poster Session & Open-Lab Speakers
	18:00~	Banquet (The Mat)
30 th	10:00~11:30	Visit to Busan Power Semiconductor Center (Gijang)
	11:30~13:00	Lunch
	13:00~17:00	Busan Photonics Promotion & Tour (Haeundae/Gijang)



Campus Address

(48513) 45 Yongso-ro, Nam-gu, Busan

Subway Directions

Gyeongseong Univ.– Pukyong Nat'l Univ. Station (Line 2)
- Use Exit 1 or Exit 3 (both exits are fine)
- Approximately 10 minutes on foot to Dongwon Jangbogo Hall

Airport Bus (Limousine Bus)

- From Gimhae International Airport (International Terminal)
- Get off at Haeundae / Prugio Beach Area (Airport Bus Stop)
- About 16 minutes on foot from the bus stop to PKNU Dongwon Jangbogo Hall

TOURIST ATTRACTIONS



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