[FrA1] Nanowires	
Session Date	July 17 (Fri.), 2026
Session Time	10:20–12:05
Session Room	Room A (Baekrok Hall A, 1F)
Session Chairs	Prof. Yong-Ho Ra (Jeonbuk National University, Korea), Dr. Elisa Maddalena Sala (The University of Sheffield, United Kingdom)

[FrA1-1] [Invited] 10:20–10:50

Growth of Core–Shell Microwire UV Emitters: From UV-A Toward UV-C

Houssein Mohaidly, Lucie Valéra, Vincent Grenier, Lucas Jaloustre, Saron R.S. De Mello, C. Petit-Etienne, E. Pargon, Gwénolé Jacopin, and Christophe Durand, Université Grenoble Alpes, France

[FrA1-2] 10:50–11:05

Facile Electrochemically Driven Defect Passivation of MOCVD-Grown GaN Nanowires Toward Durable and High-Performance Photoelectrodes

Fawad Tariq and Sang-Wan Ryu, Chonnam National University, Korea

[FrA1-3] 11:05–11:20

Interface Engineering of MOVPE-Grown GaN Nanowire Photoanodes with FeOOH/NiO Layers for Durable Alkaline Water Oxidation

Khaled Abdelkarem and Sang-Wan Ryu, Chonnam National University, Korea

[FrA1-4] 11:20–11:35

Tailoring Cu–Pd Nanoclusters on GaN Nanowires for Efficient CO_2-to-C_2H_4 Photoelectrochemical Conversion

Sneha S Lavate, In-Seo Na, Jeong-Kyun Oh, Sung-Un Kim, Min-Seok Lee, and Yong-Ho Ra, Jeonbuk National University, Korea

[FrA1-5] 11:35-11:50

Interfacial Engineering of $Ni(OH)_2$ Decorated GaN Nanorods for Enhanced Photoelectrochemical Formate Production.

Shivraj Mahadik, Jeong-Kyun Oh, Sung-Un Kim, Min-Seok Lee, Hussain Musharrof, and Yong-Ho Ra, Jeonbuk National University, Korea

[FrA1-6] 11:50-12:05

Selective-Area Growth of Vertical InP Nanowires on Si(111) Substrate

Yuki Azuma[1], Keita Taniyama[1], Wei Wen Wong[2], Junichi Motohisa[1], Hark Hoe Tan[2], and Katsuhiro Tomioka[1], [1]Hokkaido University, Japan, [2]The Australian National University, Australia