

Session Code	[12] TuD1
Session Title	Semiconductor Nanotechnology for Environmental and Healthcare Applications
Date and Time	Tuesday, October 5, 2021 / 10:40-12:30
Session Room	Room D (302)
Session Chair(s)	Young Joon Hong (Sejong Univ., Korea) Sungkyu Kim (Sejong Univ., Korea)

[[12] TuD1-1] Keynote Talk **[Online] 10:40-11:10**

III-V Semiconductor Nanostructures for Optoelectronics and Energy Applications
Hoe Tan (*The Australian Nat'l Univ., Australia*)

[[12] TuD1-2] Keynote Talk **[Online] 11:10-11:40**

High Efficiency and Ultra-Stable Artificial Photosynthesis Devices for Solar Hydrogen Fuel Production
Zetian Mi (*Univ. of Michigan, USA*)

[[12] TuD1-3] Invited Talk **[Online] 11:40-12:05**

Integration of III-V Nanowire on Si and Their Device Applications
Katsuhiro Tomioka, Hironori Gamo, and Junichi Motohisa (*Hokkaido Univ., Japan*)

[[12] TuD1-4] Invited Talk **12:05-12:30**

Promising Plasmon Core-Shell Photocatalysts for Light-Driven Hydrogen Production
Dung Van Dao and In-Hwan Lee (*Korea Univ., Korea*)