



Session Title	[ThC3] 2D Materials and Devices
Date / Time	July 5 (Thu.), 2018 / 15:55-17:30
Room	Room C (#107)
Session Chair	Rolf. J. Haug (Leibniz Universitat Hannover, Germany)

ThC3-O1

15:55-16:10

Research towards New Architecture based on 2D Layered Materials

SungWon Kim, JeongHyun Na, Taewoo Uhm, Hyeonhu Bae, HoonKyung Lee, and Sung Ho Jhang
Konkuk Univ., Korea

ThC3-O2

16:10-16:25

Probing The Defect Associated Exciton Dynamics in Quantum Dots of Atomically Thin Semiconductors

Bo-Hyun Kim¹, Minho Jang², Hyewon Yoon², Sungjong Lee¹, Yong-Hoon Cho², Seokwoo Jeon², and Sung-Ho Song³
¹KIIT, Korea, ²KAIST, Korea, ³Kongju Univ., Korea

ThC3-O3

16:25-16:40

Ultra-high Temperature Annealing Effects on The Mass Sensitivity of Graphene Mechanical Resonators

Dong Hoon Shin¹, Hakseong Kim², Min Hee Kwon¹, and Sang Wook Lee¹
¹Ewha Womans Univ., Korea, ²KRISS, Korea

ThC3-O4

16:40-16:55

Funneling of Terahertz Waves through Van Der Waals Gaps Formed by Metal-Graphene-Metal Junction

Young-Mi Bahk
Incheon Nat'l Univ., Korea

ThC3-O5

16:55-17:10

New Application of Quantum Behavior in A Graphene Device

Haeyong Kang¹, Jeongmin Park², Kyeong Tae Kang², Wooseok Choi², and Dongseok Suh²
¹Pusan Nat'l Univ., Korea, ²Sungkyunkwan Univ., Korea