



<b>[TE2] Plasma for Nanomaterial Processing II</b>	
<b>Date / Time</b>	July 26 (Thu.), 2018 / 15:30-17:20
<b>Place</b>	Room E (#107~108)
<b>Session Chair(s)</b>	Hyung-Mo Jeong (Kangwon Nat'l Univ., Korea)

**TE2-1 [Invited] 15:30-16:00**

**Bottom-Up Synthesis of Atomically-Precise Low-Dimensional Nanocarbon Materials by Nanoscale Plasma Processing**

Toshiaki Kato and Toshiro Kaneko  
*Tohoku Univ., Japan*

**TE2-2 16:00-16:20**

**Heterogeneity of Hard Skin Layer in Wrinkled PDMS Surface Fabricated by Ar Ion Beam Irradiation**

Seunghun Lee, Eunyeon Byeon, Sunghoon Jeong, and Do-Geun Kim  
*KIMS, Korea*

**TE2-3 16:20-16:40**

**Synthesis of Metal-Boride Nanoparticles Using Triple Thermal Plasma Jet System**

Minseok Kim<sup>1</sup>, Jeong-Hwan Oh<sup>1</sup>, Tae-Hee Kim<sup>2</sup>, Yong Hee Lee<sup>1</sup>, Seung-Hyun Hong<sup>1</sup>, and Sooseok Choi<sup>1</sup>  
<sup>1</sup>*Jeju Nat'l Univ., Korea*, <sup>2</sup>*Inst. for Nuclear Science and Tech., Korea*

**TE2-4 16:40-17:00**

**Preparation of Catalyst with Microwave Induced Plasma Jet Combined with Spouted Bed**

Jai Young Chung, Satoshi Kodama, and Hidetoshi Sekiguchi  
*Tokyo Inst. of Tech., Japan*

**TE2-5 17:00-17:20**

**Surface Treatment of Two-Dimensional  $Ti_3C_2T_x$  Using Radio-Frequency Remote Plasma System**

Byeong-Joo Lee, Yoon-Jeong Chae, Yong-Hee Lee, and Chi Won Ahn  
*Nat'l NanoFab Center, Korea*