## [TE2] Plasma for Nanomaterial Processing II

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<thead>
<tr>
<th>Date / Time</th>
<th>July 26 (Thu.), 2018 / 15:30-17:20</th>
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<td>Place</td>
<td>Room E (#107~108)</td>
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<td>Session Chair(s)</td>
<td>Hyung-Mo Jeong (Kangwon Nat’l Univ., Korea)</td>
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### 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 Kim¹, Jeong-Hwan Oh¹, Tae-Hee Kim², Yong Hee Lee¹, Seung-Hyun Hong¹, and Sooseok Choi¹  
¹*Jeju Nat’l Univ., Korea, ²Inst. 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 Ti₃C₂Tx Using Radio-Frequency Remote Plasma System**

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