### [TA2] Nanoparticle Applications

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<th>January 19 (Tue.), 2021 / 12:50-14:20</th>
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<td>Place</td>
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<tr>
<td>Session Chair(s)</td>
<td>Young-Jun Lee (Inha Univ., Korea)</td>
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### [TA2-1] Invited 12:50-13:20

**Fog Collection Using Secondary Electrohydrodynamic-Induced Hybrid Structures**

Dae Joon Kang  
*Sungkyunkwan Univ., Korea*


**Expeditious Crystallization of Room Temperature PLD Grown Hf_{0.5}Zr_{0.5}O_2 for Sub-60 mV/dec 2DNCFET**

Hae Won Cho, Pujar Pavan, and Sun Kook Kim  
*Sungkyunkwan Univ., Korea*

### [TA2-3] 13:40-14:00

**Tuning Structure and Electronic Properties of MoS_{2-x}Se_x Nanolayer for Improved NO Detection at Room Temperature**

Ardiansyah Taufik, Takuya Hasegawa, Yusuke Asakura, and Shu Yin  
*Tohoku Univ., Japan*

### [TA2-4] 14:00-14:20

**Statistical Study on the Morphological Characteristics of Nanoparticles Using Machine Learning-Based Mass-Throughput Electron Microscopy Image Analysis**

Yunchul Kim, Byoungsang Lee, Seokyoung Yoon, Jin Woong Lee, Junhyuck Chang, Jaesub Yun, Jong-Seok Lee, and Jung Heon Lee  
*Sungkyunkwan Univ., Korea*