<table>
<thead>
<tr>
<th>Session Code</th>
<th>[06] ThK2</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Session Title</strong></td>
<td>Metal, Material Processing and Corrosion</td>
</tr>
<tr>
<td><strong>Date and Time</strong></td>
<td>Thursday, October 7, 2021 / 14:00-15:15</td>
</tr>
<tr>
<td><strong>Session Room</strong></td>
<td>Room K (402)</td>
</tr>
<tr>
<td><strong>Session Chair(s)</strong></td>
<td>Changwook Ji (KITECH, Korea) Sungwook Kang (KITECH, Korea)</td>
</tr>
</tbody>
</table>

### [06] ThK2-1 14:00-14:15

**Physical Properties of Type I Ba$_8$Cu$_{1.0}$Ni$_{2.5}$Si$_{42.5}$ Single Crystal Clathrate Grown by Flux Method**

Pooja Rawat and Jong Soo Rhyee *(Kyung Hee Univ., Korea)*

### [06] ThK2-2 14:15-14:30

**An Investigation into the Galvanic Corrosion Behavior of an Electrically Assisted Pressure Joint of Dissimilar Stainless Steel Alloys under Uniaxial Tensile Stress**

Sam Yaw Anaman *(Hanbat Nat'l Univ., Korea)*, Shengwei Zhang, Sung-Tae Hong *(Univ. of Ulsan, Korea)*, Jong-Sook Lee *(Chonnam Nat'l Univ., Korea)*, and Hoon-Hwe Cho *(Hanbat Nat'l Univ., Korea)*

### [06] ThK2-3 14:30-14:45

**The Effect of Post-Heat Treatment on the Microstructure of Directed Energy Deposited FeCrV Alloy**

Junyeop Lee, Seonghwan Park, Jaehui Bang, and Eunkyung Lee *(Korea Maritime and Ocean Univ., Korea)*

### [06] ThK2-4 14:45-15:00

**Fabrication of Al-Zn-Mg-Cu Alloy Sheets by Twin Roll Casting and Rolling Process for Automobile Applications**

Hyoung-Wook Kim, Yun-Soo Lee, Won-Kyeong Kim, and Cha-Yong Lim *(KIMS, Korea)*

### [06] ThK2-5 [Online] 15:00-15:15

**Lüders-Type Deformation in Fine-Grained Cu Fabricated by Powder Injection Molding**