

Session Code [06] ThK2

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| Session Title | Metal, Material Processing and Corrosion |
| Date and Time | Thursday, October 7, 2021 / 14:00-15:15 |
| Session Room | Room K (402) |
| Session Chair(s) | Changwook Ji (KITECH, Korea) Sungwook Kang (KITECH, Korea) |

[[06] ThK2-1] 14:00-14:15**Physical Properties of Type I $\text{Ba}_8\text{Cu}_{1.0}\text{Ni}_{2.5}\text{Si}_{42.5}$ 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**Keunho Lee (*Agency for Defense Development, Korea*), Byeong-Seok Jeong (*Seoul Nat'l Univ., Korea*), Siwook Park (*Seoul Nat'l Univ. and Samsung Electronics, Korea*), Leeju Park (*Agency for Defense Development, Korea*), and Heung Nam Lee (*Seoul Nat'l Univ., Korea*)