Session Code: [06] WeK3

Session Title: Composites and Complex Materials

Date and Time: Wednesday, October 6, 2021 / 15:00-16:10

Session Room: Room K (402)

Session Chair(s): Jun Hyun Han (Chungnam Nat’l Univ., Korea)
Je In Lee (Pusan Nat’l Univ., Korea)

[[06] WeK3-1] Invited Talk 15:00-15:25

Development of Bioinspired Bulk Metallic Glass-Alumina Hybrid Materials
Je In Lee (Pusan Nat’l Univ., Korea)

[[06] WeK3-2] 15:25-15:40

Micromechanical Behavior of Hot Rolled and Additive Manufactured CoCrNi Medium Entropy Alloy at Ultra-Low Temperature
You Sub Kim, Hobyung Chae (Chungnam Nat’l Univ., Korea), Wanchuck Woo (KAERI, Korea), Stefanus Harjo, Takuro Kawasaki (Japan Atomic Energy Agency, Japan), and Soo Yeol Lee (Chungnam Nat’l Univ., Korea)

[[06] WeK3-3] 15:40-15:55

Effect of Carbon Fiber(CF) Content on Mechanical Properties of CF/Copper Composites Manufactured by Electroless Plating
Min Kyoung Kim and Jun Hyun Han (Chungnam Nat’l Univ., Korea)

[[06] WeK3-4] 15:55-16:10

Effect of Intense Pulsed Light Irradiation of Low-Grade Carbon Fiber on Carbon Fiber/HDPE Composite Interfacial and Mechanical Properties
Myounghun Kim, Duyoung Choi, Jungpil Kim, and Kwang-Seok Kim (KITECH, Korea)