
Session Title: New Materials, Mechanics, and Devices for Defence Technology V
Date & Time: **November 3, 2016 (Thur) / 16:00~17:30**
Room: **F (Room 106)**

Session Chair: Byoung Sun Min (Agency for Defense Development, Korea)

3F3-1

16:00~16:25

[Invited] Plastic Deformation of Particulate Composite Material with Kinematic Hardening
Constitutive Model and Shear Band Analyses

Su-Jin Yun

ADD, Korea

3F3-2

16:25~16:40

CMSX-4 Single-Crystal Mechanical Properties at Room and Elevated Temperature

Taehyung Kim¹, **Sungchul Ahn**¹, **Seokwoo Hong**², **Byoungwan Yun**³, **Jongkee Ahn**¹, **Chakheui Han**¹, **Byungmoon Chang**³ and **Yeongryeon Kim**⁴

¹Hanwha Techwin, Korea, ²SKKU, Korea, ³Korea Lostwax, Korea, ⁴ADD, Korea

3F3-3

16:50~17:15

[Invited] Study on Fabrication and Reaction Characteristics of Al-Cuo Nanothermite

Ye Seul Lim, **JaeHun Yoo**, and **YoonJeong Choi**

ADD, Korea