
Session Title: New Materials, Mechanics, and Devices for Defence Technology IV
Date & Time: **November 3, 2016 (Thur) / 13:30~15:30**
Room: **F (Room 106)**

Session Chair: Su-Jin Yun (Agency for Defense Development, Korea)

3F2-1

13:30~14:00

[Keynote] AOARD Overview and R&D Projects

Misoon Mah

AOARD, Japan

3F2-2

13:55~14:20

[Invited] Rapid Crack Propagation in Load Bearing Axisymmetric Polymeric Structures: Criteria for Onset of RCP

Hyunmin Bae¹, Tom Marti², and Sunwoong Choi¹

¹Hannam University, Korea, ²UGSI, USA

Session Chair: Sunwoong Choi (Hannam University, Korea)

3F2-3

14:20~14:45

[Invited] Emerging Crosslinking System for Solid Propellants via Huisgen Azide-Alkyne Cycloaddition

Byoung Sun Min¹, Seung Won Ko¹, and Sang Youl Kim²

¹ADD, Korea, ²KAIST, Korea

3F2-4

14:45~15:10

[Invited] Carbon Nanotube-Grafted Carbon Fibers: Fabrications, Properties, and Applications

Geunsung Lee¹, Ji Ho Youk², Jinyong Lee³, and Woong-Ryeol Yu¹

¹Seoul National University, Korea, ²Inha University, Korea, ³ADD, Korea

3F2-5

15:10~15:35

[Invited] Microstructure Evolution in Melt Flow Zone of Butt-Fusion Jointing of Polyethylene Pipe

Hyun Hoon Song

Hannam University, Korea