
Session Title: New Materials, Mechanics, and Devices for Defence Technology I
Date & Time: **November 1, 2016 (Tue) / 10:30~12:00**
Room: **F (Room 106)**

Session Chair: Yong Jae Kim (Agency for Defense Development, Korea)

1F1-1

10:30~11:00

[Keynote] Functional Properties of Organics and Polymers and Their Potential Applications

Charles Y.C. Lee

Air Force Office of Scientific Research, USA

1F1-2

11:00~11:25

[Invited] Dendrite Arm Spacing and Eutectic Pool in the Single Crystal Superalloy CMSX-4

Byung Moon Chang¹, S.H. Kwon¹, B.G. Yun¹, T.S. Yang², J.H. Lee², Y.R. Kim³, C.H. Han⁴, and J.K. Ahn⁴

¹Korea Lost-wax Co.Ltd., Korea, ²Changwon National University, Korea, ³ADD, Korea,

⁴HanWha Techwin, Korea

1F1-3

11:25~11:50

[Invited] Delayed Catalyst System for Polyurethane Synthesis Using Catalyst-Encapsulated Microcapsule Prepared from Inorganic-Organic Hybrids

Na-Hae Kim¹, Ho-Young Jung², and Juyoung Kim¹

¹Kangwon National University, Korea, ²Chonnam National University, Korea