A. Interconnect & Package 분과

[TC1-A] Atomic Layer Deposition and Silicides

Date	Feb. 25, 2014 (Tue.)
Place	Room C / 제1공학관 401호 (# 401, Engineering Building I)

Session Chair: 이원준 교수(세종대학교),

TC1-A-1 **09:30-09:45** **Area-Selective Chemical Vapor Deposition of Co for Reduction of Cu Electromigration**
저자: Jaehong Yoon[1], Soohyeon Kim[1], Han-Bo-Ram Lee[2], Byeongchul Cho[3], and Hyungjun Kim[1]
소속: [1]School of Electrical and Electronic Engineering, Yonsei University, [2]Department of Materials Science and Engineering, Incheon National University, [3]Wonik IPS

TC1-A-2 **09:45-10:00** **Silicidation of Ni prepared by Atomic Layer Deposition with NH_3 Gas Reactant**
저자: Soohyeon Kim, Jaehong Yoon, Han-Bo-Ram Lee, and Hyungjun Kim
소속: Department of Electrical and Electronics Engineering, Yonsei University, Department of Materials Science and Engineering, Incheon National University

TC1-A-3 **10:00-10:15** **Highly Conformal Cu_2O Thin Films by Atomic Layer Deposition using a New Non-Fluorinated Cu Precursor**
저자: Hangil Kim[1], Seung-Joon Lee[1], Taehoon Cheon[2], Sang-Kyung Choi[3], and Soo-Hyun Kim[1]
소속: [1]School of Materials Science and Engineering, Yeungnam University, [2]Senter for Core Research Facilities, Daegu Gyeongbuk Institute of Science & Technology, [3]Center for Research Facilities, Chungnam National University

TC1-A-4 **10:15-10:30** **Growth of Ru Thin Film by Thermal Atomic Layer Deposition using a New Beta-Diketonate Ru Precursor and O_2 or NH3 Molecules as a Seed Layer for Cu Electroplating**
저자: Seung-Joon Lee[1], Minyoung Lee[1], Taehoon Cheon[1,2], Soo-Hyun Kim[1], Masayuki Saito[3], Kazuharu Suzuki[3], and Shunichi Nabeya[3]
소속: [1]School of Materials Science and Engineering, Yeungnam University, [2]Center for Core Research Facilities, Deagu Gyeonbuk institute of Science & Technology, [3]TANAKA Kikinzoku Kogyo K.K

TC1-A-5 **10:30-10:45** **Development of Yb Silicide with Low Schottky Barrier by Forming Epitaxial Layer**
저자: Sekwon Na, Jun-gu Kang, Juyun Choi, Hyoungsub Kim, and Hoo-jeong Lee
소속: School of Advanced Materials Science and Engineering, Sungkyunkwan University