

J. Nano-Science & Technology 분과

Room D

창의관 (117)

일 시 : 2월 17일(금) 13:40-15:10

세션명 : [FD3-J] Nanomaterials and Energy Conversion Processes

좌 장 : 이 우(한국표준과학연구원), 조문호(포항공과대학교)

FD3-J-1 13:40-14:10 **[Invited]** Atomic and Nano Scale Design of Electrode Materials for Lithium Rechargeable Batteries by Integrating Ab Initio Calculations with Experiments

저자: Kisuk Kang

소속: Department of Material Science and Engineering, Seoul National University

FD3-J-2 14:10-14:40 **[Invited]** Nano Interface Control of QD Film for the High Performance QD-LED

저자: 조경상¹, 김태호¹, 이은경¹, 김정우², 최병룡¹, 이상윤², 김종민¹

소속: ¹삼성 종합기술원 Frontier Research Lab,
²삼성 종합기술원 Display Lab

FD3-J-3 14:40-15:10 **[Invited]** Ab Initio Study on the Negative Bias and Illumination Stress Instability of Amorphous Oxide Semiconductors

저자: Ho-Hyun Nahm¹, Yong-Sung Kim¹, and Dae Hwan Kim²

소속: ¹Korea Research Institute of Standards and Science,
²School of Electrical Engineering, Kookmin University