

E. Compound Semiconductors 분과

Room E
창의관 (B113)

일 시 : 2월 16일(목) 11:20-12:35

세션명 : [TE2-E] Various Compound Semiconductors II

좌 장 : 이종람(포항공과대학교), 김제원(삼성LED)

TE2-E-1 11:20-11:50 **[Invited]** Two-step Germanium Epitaxial Growth on (100) Silicon Substrate using Rapid Thermal Chemical Vapor Deposition (RTCVD)

저자: Chel-Jong Choi^{1,2}, Yeon-Ho Gil¹, and Kyu-Hwan Sim¹
소속: ¹School of Semiconductor and Chemical Engineering, Semiconductor Physics Research Center, Chonbuk National University, ²Department of BIN Fusion Technology, Chonbuk National University

TE2-E-2 11:50-12:05 **Effects of Double-side Patterned Sapphire Substrate on Light Extraction Efficiency in GaN-based LEDs**

저자: Hwan Keon Lee, Jun Ho Son, Yang Hee Song, Buem Joon Kim, and Jong-Lam Lee
소속: Division of Advanced Materials Science and Department of Materials Science and Engineering, Pohang University of Science and Technology

TE2-E-3 12:05-12:20 **유도결합 플라즈마를 이용한 SiC 비아홀의 식각 특성 연구**

저자: 최일환^{1,2}, 장경욱¹, 민병규², 윤형섭², 안호균², 임종원², 김정진², 문재경²
소속: ¹한서대학교 신소재공학과, ²한국전자통신연구원 RF융합부품연구팀

TE2-E-4 12:20-12:35 **Nanopatterning through Anodic Aluminum Oxide Template on GaN Substrate**

저자: Chul Jong Yoo, Jun Ho Son, and Jong Lam Lee
소속: Division of Advanced Materials Science and Department of Materials Science and Engineering, Pohang University of Science and Technology