

E. Compound Semiconductors 분과

2020년 2월 13일(목), 10:45-12:45 / Room A (에메랄드 I, 5층)

■ [TA2-E] Compound Semiconductor Technology II

좌장: 김동현 박사 (한국나노기술원), 장우진 박사 (ETRI)

TA2-E-1 10:45-11:15	<p>[초청]</p> <p>Design of Image Rejection Mixer using 0.1-μm GaAs pHEMT Process for W-band Radar Application</p> <p>Jinho Jeong¹ and Wonseok Choe² ¹Sogang University, ²MMII Lab.</p>
TA2-E-2 11:15-11:45	<p>[초청]</p> <p>Performances of an S-band High Power Amplifier Using 0.4 μm GaN HEMT Devices</p> <p>Ho-Sang Kwon¹, Gil-Wong Choi², Sang-Min Lee³, and Dong-Wook Kim⁴ ¹Agency for Defense Development, ²Hanwha Systems, ³Wavice, ⁴Chungnam National University</p>
TA2-E-3 11:45-12:00	<p>전류원을 이용한 AlGaIn/GaN 이종접합 쇼트키 다이오드 기반 수소센서의 안정도 향상 연구</p> <p>June-Heang Choi, Tuan Anh Vuong, Hyungtak Kim, and Ho-Young Cha <i>School of Electronic and Electrical Engineering, Hongik University</i></p>
TA2-E-4 12:00-12:15	<p>Investigation of Proton Irradiation Effect on AlGaIn/GaN heterostructure</p> <p>Dong-Seok Kim¹, Jae Sang Lee¹, Jeong-Gil Kim², Hyeon-Su Lee², and Jung-Hee Lee² ¹Korea Multi-Purpose Accelerator Complex, KAERI, ²School of Electronics Engineering, Kyungpook National University</p>
TA2-E-5 12:15-12:30	<p>산성 용액 내 InGaAs의 식각 특성에 미치는 결정면의 영향 연구</p> <p>Jihoon Na and Sangwoo Lim <i>Department of Chemical and Biomolecular Engineering, Yonsei University</i></p>
TA2-E-6 12:30-12:45	<p>MBE Growth of InAs on (001) Si for Mid-Infrared Applications</p> <p>Daehwan Jung, Geunhwan Ryu, Rafael Chu, Seungyeop Ahn, and Won Jun Choi <i>Center for Opto-electronic Materials and Devices, KIST</i></p>