

2022 Fall

# Electrical Engineering

## Graduate Seminar (EE590)

Date	Place	Coordinator
Every Wed. 4:00~5:15pm	104-E204	Prof. Il-Sug Chung

No.	Date	Speaker	Title	Research Area
1	2022.08.31	Jimin Kwon (UNIST)	Emerging upper-layer logic/memory development for large-area electronics and nano electronics	Semiconductor devices
2	2022.09.07	Junse Lee (Sungshin Women's Univ.)	AI and IoT	Wireless Communications
3	2022.09.14	Jae-Hoon Han (KIST)	Heterogeneous material integration for CMOS-compatible integrated photonics	Photonic Devices
4	2022.09.21	Hyungchai Park (Stanford Center)	On the road to autonomous driving : where are we?	Control, Robotics

### 2022.9.28. UNIST Foundation Day

5	2022.10.05	Young Min Song (GIST)	Bio-inspired artificial eyes: novel imaging systems and optic components	Photonic devices
6	2022.10.12	Jae-Sung Rieh (KOREA Univ.)	Terahertz integrated circuits and applications	Electronic devices, Electromagnetics

### 2022.10.17~21 Midterm Exam

7	2022.10.26	Suyong Chae (POSTECH)	Power Electronics System for the Future Energy Network.(subtitle: Is it Reliable?)	Power Electronics and Power Systems
8	2022.11.02	Bongjun Kim (Sookmyung Women's Univ.)	Thin-Film Transistor Technologies Based on Inkjet Printing	Advanced Semiconductors and Devices, Printed Electronics
9	2022.11.09	Heedeuk Shin (POSTECH)	Photonic signal processing based on photon-phonon interactions	Photonic signal processing
10	2022.11.16	Seokhyeong Kang (POSTECH)	Machine Learning-based Electronic Design Automation	VLSI CAD
11	2022.11.23	Sungsu Lim (Chungnam National Univ.)	Representation Learning on Heterogeneous Graph	Data&knowledge engineering
12	2022.11.30	Young-soon Bae (Dawonsys)	Boron Neutron Capture Therapy using Proton LINAC-based High Flux Epithermal Neutron Source	Biomedical devices
13	2022.12.07	Changhee Joo (KOREA Univ)	Pricing Strategies for CDN-Mediated Internet Traffic	Computer Networks

### 2022.12.12~16 Final Exam

\*Seminar information can be changed.  
\*Details will be announced through email.

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