

Jeonghun KWAK Ph.D., Associate Professor

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|-------------------------|---|--|
| EDUCATION | Seoul National University (Seoul, Republic of Korea) <ul style="list-style-type: none">· Ph.D. School of Electrical and Computer Engineering· B.S. School of Electrical Engineering | Mar. 2005 – Feb. 2010 Mar. 2001 – Feb. 2005 |
| EMPLOYMENT | Seoul National University (Seoul, Republic of Korea) Professor, Department of Electrical and Computer Engineering University of Seoul (Seoul, Republic of Korea) Professor, School of Electrical and Computer Engineering Dong-A University (Busan, Republic of Korea) Professor, Department of Electronic Engineering Seoul National University (Seoul, Republic of Korea) Postdoc, Inter-university Semiconductor Research Center | Mar. 2019 – Present Sep. 2015 – Feb. 2019 Mar. 2011 – Aug. 2015 Mar. 2010 – Feb. 2011 |
| PROFESSIONAL ACTIVITIES | Asian Committee Member , Display Week, Society for Information Display Oversea Advisory Board , International Conference on Display Technology Associate Editor , Journal of Information Display Editorial Board Member , Journal of Flexible and Printed Electronics Technical Program Committee Member , International Meeting on Information Display (IMID) <ul style="list-style-type: none">· Sub-program Chair for Quantum Dots Local Committee Member , International Conference on Science and Technology of Synthetic Metals (ICSM 2018, Busan, Republic of Korea) | 2021 – Present 2020 – Present 2017 – Present 2022 – Present 2016 – Present 2023, 2024 2018 |
| RESEARCH INTERESTS | <ul style="list-style-type: none">· Design, fabrication process, and device physics of optoelectronic devices for displays using organic semiconductors, quantum dots, and nanomaterials (e.g., QLEDs, OLED, TFTs, PDs)· Charge transport study using thermoelectric properties | |
| PUBLICATIONS | 117 International Journal Papers (as of Feb. 2024) 171 International and 49 Domestic Conference Papers (including 25 invited talks) *Complete publication list available on the group webpage . | |
| LINKS | <ul style="list-style-type: none">· Google Scholar· Web of Science· Scopus· LinkedIn· Group Webpage· ORCID | |