

# NATIONAL TAIWAN UNIVERSITY

## Department of Electrical Engineering

### Faculty Openings

We are inviting applications for faculty positions at the ranks of Professor, Associate Professor, and Assistant Professor in, but not limited to, the following areas:

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Multi-Agent Systems, Intelligent Robotics, Mechatronics, and General Control Areas

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Advanced CMOS, Nanoelectronics, Nanophotonics, Display, Memory Technologies, Quantum Technologies, Bioelectronics, IoT Devices, Power and High-Frequency Devices

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Malware Analysis, Network Security, IoT Security, Secure Software and Testing, Secure Coding, Cyber-physical Security

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SoC Design (AI/ML Chips, Embedded Processor/Memory Design, Green/Medical Electronics, Sensor Electronics, THz/Quantum Circuits, Si Photonics), Hardware Security/Dependable and Trusted Hardware Architecture

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Computer Science and Engineering, Embedded Systems, Cloud/Green/Ubiquitous/Mobile Computing and Networking, Cybersecurity and Trusted Computing, Machine Learning, Data-Centric Computing, Computer Architecture

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Power Electronics, Renewable Energy, and Smart Grid

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Biomedical Electronics, Biomedical Imaging, Nano-Biotechnology, Biophotonics, Bioinformatics, Medical Informatics, Neuroengineering, Computational Bioengineering, Biomedical Sensors

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Microwave and Millimeter-Wave Techniques, Antennas and Applications, Electromagnetic Theory and Computational Techniques, IoT Enabling Technologies, THz Technologies, Radar Systems

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Communications, Signal Processing, Optimization, Information Theory, Coding Theory, and Emerging Fields in the Aforementioned Areas, Image Forensics, Cyber-Physical Security, Machine Learning

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Electronic Design Automation (EDA), Design and Verification Methodology for Secure System

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Photonics for 3D Sensing, Emerging Display Technologies, Optical Communications & Optical Interconnects (including components/modules/systems for LiDAR, 5G, data center), Ultrahigh Speed Optoelectronics, Quantum Computing (hardware/software)

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Data Science and Engineering, Artificial Intelligence, Deep Learning, Computer Vision, IoT, Data-Centric Computing and Networking, Next-Generation Wireless Networks, Social Networks, Cyber Security

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Applications should be submitted through the website at <https://ee.ntu.edu.tw/eeoffice/ntueejob/>, and a softcopy of the following application materials should be emailed to [deptee@ntu.edu.tw](mailto:deptee@ntu.edu.tw) by September 30, 2023.

- 1) Cover letter, including rank of position and expected on-board date
- 2) A curriculum vitae with a full publication list and a teaching and research plan
- 3) Up to 5 recent publications (including major publications within 5 years and additional publications within 7 years)
- 4) Two or more reference letters (should be separately emailed to [deptee@ntu.edu.tw](mailto:deptee@ntu.edu.tw) by referees)
- 5) Ph.D. degree certificate (or an original certificate of expected graduation)
- 6) Undergraduate and graduate transcripts.

The employment starting date is Aug. 1<sup>st</sup>. 2024 or Feb. 1<sup>st</sup>. 2025.

All ranks of professors are compensated in accordance with the standard set forth by the Ministry of Education. Additional merit pay may include Yushan Scholar Program from MOE (<https://yushan.moe.gov.tw/TopTalent/EN>), Subsidy for Incoming Distinguished Talents from NTU, support from the Foundation for the Advancement of Outstanding Scholarship, compensation for principle investigators from industrial-academic collaboration grants, etc. Further information is available in the NTU Faculty Handbook (<http://event.ntu.edu.tw/facultyhandbook/en/about-ntu/>).