



## Founding Tenured/Tenure-Track Faculty

The Hong Kong University of Science and Technology (HKUST) is a leading international university ranked 3<sup>rd</sup> by Times Higher Education Young University Rankings 2024 and 47<sup>th</sup> by QS World University Rankings 2025. HKUST establishes HKUST(GZ) in Guangzhou, China (<https://www.hkust-gz.edu.cn>), which synergizes with and maintains the same academic standard as HKUST. Microelectronics Thrust in HKUST(GZ) is an academic department focusing on **device and fabrication, circuit, EDA, and architecture**.



**OPENINGS** are tenured or tenure-track positions at the ranks of Assistant Professor, Associate Professor, and Professor with the following basic requirements. English is an instruction and administration medium at HKUST(GZ), and a good command of written and spoken English is required.

- Applicants of tenure-track Assistant Professor should demonstrate strong research and teaching potentials.
- Applicants of tenured Associate Professor should have a proven record in research, teaching, student supervision, and funding.
- Applicants of tenured Professor should have world-class academic achievements, international academic leadership, and an established track record in teaching, student supervision and funding.

**APPLICANTS** should have a PhD degree and research in areas such as the following.

- Electronic design automation; photonic design automation; hardware-software codesign; modeling and simulation technology
- RF/mm-Wave/terahertz technology; integrated photonic circuit; memory device; quantum device; emerging technology
- Processor, memory, and storage system architecture; reconfigurable architecture; interconnection network; multiprocessor
- HPC and data center; embedded system; system-on-chip; system-in-package; power management; thermal management
- Quantum computing; neural computing; approximate computing
- Compilation techniques; operating system; system software

**SALARY** is of international standard and highly competitive. Generous research funding, ample shared lab space, and excellent research equipment and support will be provided. All the positions are in the mainland of China and offered by the HKUST(GZ) in accordance with the local employment laws and regulations. The appointments to Full Professor and Associate Professor will be made on substantive basis. The initial appointment to Assistant Professor will be made on fixed-term contracts until substantiation.

**APPLICATIONS** should be submitted at <https://facrecruit.hkust-gz.edu.cn>. Please contact the Department Head Prof. Jiang Xu at [jiang.xu@hkust-gz.edu.cn](mailto:jiang.xu@hkust-gz.edu.cn) for any question. HKUST(GZ) is committed to equal opportunity and diversity in recruitment and employment. We strongly encourage candidates of diverse backgrounds to apply. Our current faculty profiles can be found at <https://facultyprofiles.hkust-gz.edu.cn/thrust-faculties?code=10011A10000000000H22>.

