Founding Tenured/Tenure-Track Faculty

The Hong Kong University of Science and Technology (HKUST) is a leading international university ranked 3rd by Times Higher Education Young University Rankings 2022 and 34th by QS World University Rankings 2022. HKUST establishes HKUST(GZ) in Guangzhou, China (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 technology, design automation, architecture and system.

OPENINGS in Microelectronics Thrust are tenured/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 Associate Professor should have a proven record in research, teaching, student supervision, and funding.
- Applicants of 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
- 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
- RF/mm-Wave/terahertz technology; integrated photonic circuit; memory device; quantum device; emerging technology

SALARY is of international standard and highly competitive. Generous research funding, ample 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.edu.hk. If there is any question, please contact the Department Head, Prof. Jiang Xu, at jiang.xu@ust.hk. HKUST(GZ) is committed to equal opportunity and diversity in recruitment and employment. We strongly encourage candidates of diverse backgrounds to apply. You can find the list of our current faculty at https://facultyprofiles.hkust-gz.edu.cn/thrust-faculties?code=10011A10000000000H22.