國立臺灣大學重點科技研究學院 誠徵專任教師

誠徵本院相關領域具教學熱忱及優秀研究績效之教授、副教授、助理教授，專長領域包含：

積體電路設計與自動化領域

下世代通訊、人工智慧、嵌入式處理器/記憶體、硬體安全、量子運算、超低功耗運算與感測器、2.5D/3D 異質整合、前瞻製程等領域（但不限於）之積體電路系統設計與設計自動化技術

元件材料與異質整合領域

下世代電晶體與記憶體元件、三維電路與異質整合、新穎半導體材料成長、量子運算與量子通訊之關鍵元件與材料、前瞻技術節點之元件與製程整合技術、新興半導體領域相關技術

奈米工程與科學領域

[理論模擬]半導體工程中的數位預測過程模擬(數位孿生)、半導體元件的多尺度模擬或多重物理模擬、低維度半導體表面與介面計算模擬、計算材料物理、量子計算

[半導體奈米元件工程與科學]低維度(含一維或二維)半導體材料、半導體奈米元件製程與應用技術、半導體奈米元件精密量測、量子光子學

精準健康領域

具有智慧醫療、精準健康、醫療器材或醫學影像相關之教學研究或研發經驗者

一、應徵資格：

1. 具備電機、資訊、材料、物理、化學、機械、化工、理工、醫學等相關科系專業領域之博士學位。
2. 具英文授課能力，每學年至少兩門研究所課程以英文授課。
3. 具國際交流與國際合作經驗，另具產業經驗尤佳。

二、起聘日期：8 月 1 日、2 月 1 日

三、申請資料：

1. 求職函
2. 學經歷履歷表(含著作目錄)
3. 研究成果與未來研究方向說明、教學理念說明，及可開設之課程及授課大綱。
4. 近五年發表之代表性著作至少 1 篇，參考著作（不超過 5 篇）。
5. 推薦信（至少 3 封，由推薦人簽名後逕郵寄或 email）。
6. 碩士、博士學位證書影本及成績單影本(國外學歷證書需經外交部駐外代表處認證)。

四、備註：

1. 經初審資格符合者，須備妥【送審著作目錄表】、【代表著作合著人證明】電子檔送至本學院。
2. 本院將以電話或 email 通知邀請公開演講(時間與形式另行安排)。

五、收件日期及方式：

請於 115 年 3 月 6 日前將申請資料，寄送 PDF 電子檔至院辦承辦人林詩芸小姐

Email：shihyun@ntu.edu.tw

重點科技研究學院網址：https://gsat.ntu.edu.tw

NTU GSAT
國立臺灣大學重點科技研究學院
Graduate School of Advanced Technology, National Taiwan University

National Taiwan University
Graduate School of Advanced Technology
Faculty Position Opening

We are searching for global talents to join us and inviting applications for the following positions:

Program: Integrated Circuit Design and Automation

Specialties: Integrated circuit system design and design automation pertaining (but not limited) to next-generation communication, artificial intelligence, embedded processor/memory, HW security, quantum computing, ultra-low-power computing and sensor, 2.5/3D heterogeneous integration, and advanced fabrication technology

Program: Semiconductor Devices, Materials, and Hetero-integration

Specialties: Next-generation transistor and memory device technology, 3D integrated circuit and hetero-integration, novel semiconductor material growth and characterization, key components and materials for quantum computing and quantum communication, device and process integration for advanced technology node, emerging semiconductor-related technology

Program: Nanoengineering and Nanoscience

Specialties:

[Theoretical Simulation]

1) Digital predictive process models (digital twins) in semiconductor engineering
2) Multi-scale simulation or multi-physics modeling of semiconductor devices
3) Electronic and structural properties of surfaces and interfaces in low-dimensional semiconductors
4) Computational materials physics
5) Quantum Computing

[Engineering and Science of Semiconductor Nano Devices]

1) Low-dimensional (including one-dimensional or two-dimensional) semiconductor materials
2) Manufacturing process, application, and precision measurement of semiconductor nano devices
3) Quantum Photonics

Program: Precision Health and Intelligent Medicine

Research areas may include, but is not limited to, precision health, advanced medical devices, predictive modeling of physiological mechanisms in health and disease, advanced methods of biomedical data analysis, acquisition or reconstruction algorithms for imaging/sensing, and automated analysis/interpretation of high-dimensional biomedical imaging data.

Qualification:

1. Applicants must possess a Ph.D. degree in electrical engineering, computer science, material, physics, chemistry, mechanical engineering, chemical engineering, school of Medicine, or other related fields
2. Ability to use English as a medium of instruction
3. International cooperation or industry experience preferred

- Position: Full-time Assistant Professor or above
- Date of Appointment: August 1 or February 1
- Required Documents:
  1. Cover letter
  2. Curriculum vitae (with publication list)
  3. Research statement, future plans, teaching philosophy, and proposed courses with syllabi
  4. At least 1 representative publication (past 5 years) and up to 5 additional works
  5. At least three letters of recommendation (signed by referees and directly sent by email or mail)
  6. Copies of master's and doctoral diplomas and transcripts (foreign degrees must be authenticated by a Taiwan representative office)
- Note:
  1. Those who pass the preliminary review are required to hand in five copies of the external review works/publications, including **catalog of works/publications submitted for review**, **co-authorship statement of representative publication** and send by mail or email.
  2. We will contact the applicant to give the lectures by phone or email (Information will be announced until further notice).
- Deadline: **March 6, 2026**

  Send the soft copy in PDF to shihyun@ntu.edu.tw【Email Subject: Application for GSAT Full-Time Faculty Position- NAME】
- Contact: Ms. Lin at shihyun@ntu.edu.tw
- Website: https://gsat.ntu.edu.tw
- Salaries and Benefits information available upon request.

NTU GSAT
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