



Job Description Nano-Electronic Devices and Materials

Position description

We are seeking for a highly motivated and skilled researcher to join our dynamic institution in the field of emerging Nano-Electronic Devices and Materials. The ideal candidate should have proven ability to conduct independent research in the development of nano-electronic devices with potential applications in unconventional computing such as in-memory computing and neuromorphic engineering. The candidate should have a strong background in the development & characterisation of 2D materials and their integration in a wafer-scale silicon technology platform. Additional skills on the development and optimization designs for nano electronic devices using simulation tools is plus.

Consideration will be given to researchers with experience in leading research institutions abroad, with a significant number of publications as first and corresponding author, and who have clearly demonstrated the ability to attract and manage competitive grants.

Keywords: materials and device processing & integration, 2D materials (MBE, CVD, perovskite etc.), transistors, electronic memories, in-memory computing, neuromorphic computing.

Level of Position: Assistant Professor or Research (C level researcher). (In exceptional cases of candidates B level (Associate) may be discussed before opening the position).