IMMEDIATE OPEN POSITION

Postdoctoral Research Associate

Integration of Nanostructures on Microelectronics Platforms
NORTHWESTERN UNIVERSITY

A postdoctoral research associate position is immediately available at Northwestern University in the broad area of “Integration of Soft and Hybrid Nanostructured Materials on a Microelectronics Platform”. The candidate will work in the group of Professor Vinayak P. Dravid toward the development of systems to couple existing microfabrication strategies with emerging nanotechnology applications. This is a part of extensive cross-disciplinary and collaborative activities in nanotechnology at Northwestern. Potential projects range from the development of cantilever-based sensing systems to the development of MEMS platforms for in situ microscopy. As a result, the candidate would have ample opportunity to learn diverse aspects of nanotechnology, from soft nanolithography to dynamic property measurements, while contributing to the development of techniques for the integration of soft and hybrid nanostructures with micro-fabricated systems.

The preferred candidate will have a doctoral degree in Electrical Engineering, Materials Science, Mechanical Engineering or a related physical science/engineering field. The preferred candidate will also have a proven track record and established experience in the areas of MEMS and nanofabrication. Experience should include extensive expertise and hands-on experience in the design, simulation and fabrication of micro- and nano-systems.

The position is available immediately for at least two years with the possibility for extension.

Complete applications will include:

1) Introduction letter,
2) Curriculum Vitae,
3) Research Statement (1 page),
4) Contact information for 3 references (name, postal & email address, phone number).

Materials should be submitted as a single PDF to chad.goeser@northwestern.edu.

NUANCE Center
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