

NANO-MAGNETO-ELECTRONIC DEVICES FOR NEXT GENERATION INFORMATION PROCESSING

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LECTURE: 10:00 AM – 12:00 PM**

**ENGINEERING CENTER
ROOM EC 1107
10555 WEST FLAGLER STREET
MIAMI, FL 33174**



Abstract:

It is projected that nanotechnology will generate a trillion-dollar market by year 2015. Nanotechnology is expected to revolutionize areas such as computing, renewable energy, and medical applications. However, there are still only a handful of commercially available products based on nanotechnology. It is becoming obvious that nanotechnology research needs a new spin directed towards real-life applications. This talk will discuss a research strategy that has been implemented at FIU to develop viable nanotechnology applications and has made a major impact on every-day applications especially in the broad area of information processing and particularly Spintronics and Quantum Computing. The speaker will give an overview of next-generation applications that have been pioneered in his laboratory.

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Map: <http://campusmaps.fiu.edu/> (Other campuses/ - Engineering Center)