

The Institute of Computing and Cybersystems and the
Visiting Professor Program present



Dr. Theda Daniels-Race

Michael B. Voorheis Distinguished Professor
Division of Electrical & Computer Engineering
Louisiana State University

“Deposition, Characterization, and Developments in Hybrid Electronic Materials for Next-Generation Nanoelectronics”

Monday, September 9 • 3:00 pm

Dow Environmental Sciences
and Engineering Building
Room 642

Ubiquitous dependence upon semiconductor-based technology has reached a critical turning point. In effect “small has hit the wall” (Moore’s Law) as advancements, in everything from cell phones to satellites, struggle to keep pace with demands for smaller, faster, and ever more affordable devices. Using hybrid (inorganic-organic) electronic materials, Dr. Daniels-Race’s research group works to characterize their nanoscale formations and electronic behavior, as well as to develop innovative yet low-cost apparatus and techniques through which these materials may be explored.

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