

SEMINAR ANNOUNCEMENT

Organic Semiconductor Devices: Molecular Design, Film Deposition, Morphology, and Architectures

Howard Katz
Professor
Johns Hopkins University

Organic semiconductors are molecular solids consisting of conjugated core units packed so that the pi systems of neighboring molecules overlap, and charge carriers can move among them. They have unique functions, especially in thin film transistors, and may offer much less expensive process routes. This talk will describe the molecules, means of depositing them into thin films, and some device behaviors. The nanoscale structure that governs deposition mechanism and device performance will be illustrated.

Applications to nonconventional electronics technologies will be considered.

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1:30 PM

Bldg. 224/ Rm. A312

For further details see Eric Lin