

PHYSICS AND ASTRONOMY COLLOQUIUM

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Organic Semiconductors

Crystalline semiconductors formed from organic molecules have a long history, but they have more recently been recognized as exciting materials for applications in electronics, display technology, and solar energy. I will discuss what we understand about the relationship between the structure of these materials and the useful properties they display, and the prospects for affordable, flexible electronic devices based on them.



THURSDAY, JANUARY 31, 2013 | 4:00 PM | HAWKING AUDITORIUM



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