

# Colloquium Notice

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*Negative index of refraction in optical  
metamaterials*

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Negative-index materials (NIMs) may revolutionize the field of optics. There are no known naturally-occurring NIMs. However, artificially designed materials (metamaterials) can act as NIMs. In this talk I outline recent accomplishments in NIMs for the optical range, where applications for such metamaterials can be particularly exciting.  
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Monday

**May 1, 2006**

Starts at 12:15 PM

Coffee at 12:00 PM

Physics Conference Room, SB B326