

# Engineering Physics Seminar

## Cloaking Made Possible?

Wednesday 9/19/2007, 4:30pm

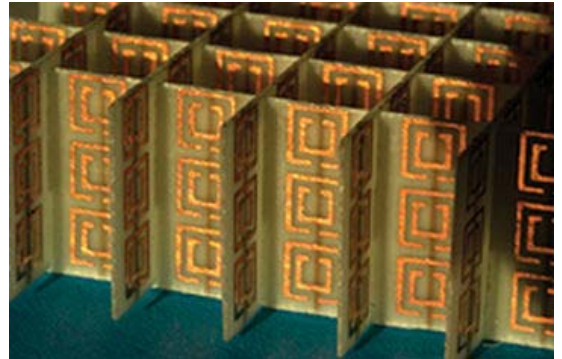
Science & Engineering Building Auditorium

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Invisible starships in Star Wars and Star Trek have long been in the fantasies of many Sci-Fi fans. Though the screen writers were probably not aware of this, cloaking devices can be much more than fantasies and actually have a solid scientific ground, starting from the beginning of 20<sup>th</sup> century. The key is in materials that have **negative indices of refraction**.

In this seminar, a brief historical account of the theoretical development of this topic will be provided. The recent successes in engineering meta-materials that exhibit negative indices of refraction will be discussed with a brief introduction of how it works.



**Please join us for light refreshments at 4:15pm outside SEB 203.**