

**Joint DIFFERENTIAL GEOMETRY/PDE and
INVERSE PROBLEM SEMINAR**

WEDNESDAY, OCTOBER 18, 2006

PADELFORD C-36

3:50-5PM

Invisibility for electromagnetic waves via singular Riemannian
metrics

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(UW)

There has been considerable interest in the possibility, both theoretical and practical, of shielding (or "cloaking") a region or object from detection via electromagnetic waves. We will discuss several results describing how to cloak an object or region using singular Riemannian metrics.

For more information about this seminar, visit the DG/PDE Seminar Web page (from the Math Department home page, www.math.washington.edu, follow the link **Seminars, Colloquia, and Conferences**).

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