Mathematics Department Colloquium

Organizer: John Strain

Thursday, 4:10–5:00pm, 60 Evans

Oct 19   **Gunther Uhlmann**, University of Washington
Invisibility for electromagnetic waves via singular Riemannian metrics

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.