

# Colloquium Notice

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### *Imaging in random media and kinetic models*

Imaging in highly heterogeneous media is a notoriously difficult problem because of the presence of unknown clutter. It is often useful to construct functionals of the data that are as independent of the unknown clutter as possible. Field-field correlations are such functionals, which can often be modeled as solutions to kinetic equations. This talk will review basic aspects of such functionals and present results of reconstructions of inclusions buried in strong clutter.

Wednesday

**October 5, 2011**

Starts at 12:15 PM

Coffee at 12:00 PM

Physics Conference Room, SB B326