



Colloquium
Wednesday April 26, 2007
12pm Room 08-2130

**“THE MATHEMATICS OF PROTON SCATTERING
IN CLINICAL PROTON RADIOTHERAPY”**

**Ethan Cascio
The Francis H. Burr Proton Therapy Center
Massachusetts General Hospital**

Proton therapy is of growing interest to the clinical oncology community. A quick overview of the history and practice of proton therapy will be given. We will then cover the physics of energy loss and scattering of protons in matter, with special attention to the mathematics of proton scattering as it relates to the techniques of proton therapy.

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School of Mathematical Sciences Colloquium Series