

COLLOQUIUM
UNIVERSITY OF PITTSBURGH
FRIDAY, NOVEMBER 6, 2015
704 THACKERAY HALL
3:30 P.M.

MARCELO EPSTEIN
DEPARTMENT OF MATHEMATICS
UNIVERSITY OF CALGARY

PERSPECTIVES OF DIFFERENTIAL GEOMETRY
IN CONTINUUM MECHANICS

ABSTRACT: Beyond the obvious notion of a material body as a differentiable manifold (a “continuum”), the case will be made for the relevance of Differential Geometry in practically all aspects of Continuum Mechanics. Examples will be presented and developed at a rather non-technical level so as to stimulate thought and explore new avenues of approach.

Refreshments served at 3:00 p.m.
in the Math Dept. COMMON ROOM, Thackeray 705