COLLOQUIUM
UNIVERSITY OF PITTSBURGH
FRIDAY, APRIL 25, 2008
704 THACKERAY HALL
4:00 P.M.

PROFESSOR CONSTANTINE DAFERMOS

DEPARTMENT OF MATHEMATICS
BROWN UNIVERSITY

PROGRESSION IN HYPERBOLIC CONSERVATION LAWS

ABSTRACT: Hyperbolic conservation laws constitute a class of nonlinear partial differential equations with an illustrious pedigree and diverse applications to physics and beyond. Despite dramatic progress in recent years, this area is still replete with challenging open problems. The aim of this lecture is to illustrate the current state of affairs and to point out emerging research trends in the field.

Refreshments served at 3:30 p.m.
in the Math Dept. COMMON ROOM, Thackeray 705