

Colloquium

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SOLITONS AND NONLINEAR PARTIAL DIFFERENTIAL EQUATIONS

Friday, February 22, 2013

3:00 p.m. in ES-143

(tea & coffee at 2:30 p.m. in ES-152)

ABSTRACT. This is a general talk about the notion of Soliton and its importance in understanding Dispersive Wave Equations.

I will describe the existence and stability of solitons, then the modern theory of Asymptotic Stability and finally open problems and conjectures.