

COLLOQUIUM

University of Notre Dame
Department of Mathematics

Emmanuel Hebey

Universite de Cergy-Pontoise, France

Will give a lecture entitled
Static KGMP equations in closed manifolds

On

Wednesday, April 27, 2011

at 4:15 PM in Room 117 Hayes-Healy Hall

Abstract:

We discuss static nonlinear Klein-Gordon-Maxwell-Proca equations in closed 3, 4-manifolds. We prove existence of variational solutions and existence of a priori bounds for arbitrary solutions of these equations