



SCUOLA
NORMALE
SUPERIORE

SEMINARIO MATEMATICA

venerdì 18 luglio 2014
ore 10:00

Scuola Normale Superiore
Pisa
Aula Bianchi

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Terrà un seminario dal titolo:

“A variational approach to Liouville equations”

Abstract:

We consider Liouville equations with variational structure arising from curvature prescription problems and from models in Electroweak or Chern-Simons theory. We show how improved versions of the Moser-Trudinger inequality may reduce these PDEs to the study of finite-dimensional topological spaces. We then derive existence of solutions via min-max or Morse theory.

Tutti gli interessati sono invitati a partecipare.

Classe di Scienze