

B. Buffoni – B. Dacorogna – J. Krieger – M. Nguyễn – Section Mathématiques

SEMINAIRE D'ANALYSE

➤ **VENDREDI 20 MARS 2015 à 15h15 - salle MA A331**



Professeur **Giuseppe Mingione** (Université de Parme, Italie) donnera une conférence sur le thème:

« Regularity for double phase variational integrals »

Abstract: : Those mentioned in the title are integral functionals of the Calculus of Variations characterized by the fact of having an integrand switching between two different kinds of degeneracies, dictated by a modulating coefficient. They have introduced by Zhikov in the context of Homogenization and to give new examples of the related Lavrentiev phenomenon. In this talk I will present some recent results aimed at drawing a complete regularity theory for minima.

Lausanne, le 9 mars 2015
BD/HMN/MM

Les séminaires qui ont lieu à la Section de Mathématiques sont annoncés sur Internet
<http://memento.epfl.ch/maths/>