



***Institut de mathématiques des sciences computationnelles et ingénierie
MATHICSE***

***SEMINAIRE D'ANALYSE
NUMERIQUE***

➤ ***MARDI 14 juin 2011 à 16h15 à la salle CM 1104***

Prof. Gabriel NGUETSENG (Université de Yaoundé 1, Cameroun) donnera une conférence intitulée:

"ABSORPTIVE CONTINUOUS $\mathbf{R}$ -GROUP ACTIONS ON LOCALLY COMPACT SPACES"

We study flows (X, H) , where X is a locally compact space and H is a continuous $\mathbf{R}$ -group action with the further property that any compact set is absorbed by any neighbourhood of some characteristic point in X called the center of H . The case where X is a locally compact abelian group is also considered.

We are particularly interested in discussing the asymptotic properties of H , which is made possible by proving a deep theorem about the existence of nontrivial H -homogeneous positive Radon measures on X . Also, a close connection with homo-genization theory is pointed out.

Lausanne, le 31 mai 2011
Prof. Assyr Abdulle
VL

Les séminaires qui ont lieu à la Section de Mathématiques sont annoncés sur Internet à l'adresse WWW (<http://memento.epfl.ch/cgi-bin/memento/select?memento=MATHS>)