



ÉCOLE POLYTECHNIQUE  
FÉDÉRALE DE LAUSANNE

*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  
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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>)