Séminaire d'analyse

**Département de mathématiques et de statistique
Université Laval**

Conférencier: Alexander J. Izzo
Bowling Green State University

Titre: Function algebras invariant under group actions

Date et heure: Le vendredi 18 novembre, 2011 de 10h30 à 11h20

Lieu: Pavillon Vachon 1613

Résumé: Motivated by his work on a conjecture of William Arveson in operator theory, Ronald Douglas raised the following question, where S denotes the unit sphere in complex n-space. If A is a function algebra on S that contains the ball algebra A(S) and whose maximal ideal space is S, and if A is invariant under the action of the n-torus on S, does it follow that A = C(S)? We will discuss the solution to Douglas' question and present related results that were motivated by the question.

Responsable: Javad Mashreghi

UNIVERSITÉ
LAVAL