

MATHEMATICS SEMINAR  
of the  
UNIVERSITY OF LUXEMBOURG  
in cooperation with the  
LUXEMBOURG MATHEMATICAL SOCIETY

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25 September 2007, at 5 pm

Room 3.04 bs

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**Smooth K-theory and applications**

Abstract

I plan to give an introduction to smooth cohomology theories with an emphasis on a model of smooth K-theory. As an application I will show that invariants of secondary index theory can naturally be understood in this framework.