ZURICH GRADUATE COLLOQUIUM

Wednesdays, 13-15 (FIM Tea to follow)

Hermann Weyl Zimmer (HG G43, ETH Zentrum)

Speaker:	**Michelle Bucher**
Title:	**An introduction to secondary characteristic classes**
Date:	Wednesday, April 21st

Abstract: We start from scratch by defining the Chern-Weil homomorphism and show how the vanishing of the primary characteristic classes in the image of this homomorphism leads to secondary invariants as introduced by Cheeger, Chern and Simons. We will then discuss various applications to topics such as conformal immersions and flat bundles.

`http://www.math.ethz.ch/graduate/colloquium`

email : `gradcoll@math.ethz.ch`