

Speaker: **Michael Puschnigg**

Title: **The cohomological assembly map**

Abstract

The assembly map in cyclic homology is related to the well known Baum-Connes assembly map in K-theory via the bivariant Chern-Connes character. Its properties are similar to the Baum-Connes map, but there are various aspects which are peculiar to the cohomological setting. In my talk I will give a survey on the cohomological assembly map and will discuss a cohomological version of the Baum-Connes conjecture.