Erik Bedos

Title:

On actions of Fell bundles and Herz-Schur multipliers

Abstract

We will discuss actions of a Fell bundle B (over a discrete group G) on Hilbert B-bundles and explain how coefficient maps associated to such actions give rise to completely bounded maps on $C^*(B)$ and $C^*_r(B)$, the full and reduced cross-sectional C^*-algebras of B. When B is the group bundle over G, we recover the fact that every function in the Fourier-Stieltjes algebra of G is a Herz-Schur multiplier. The talk will be based on recent joint work with Roberto Conti (Sapienza Univ. of Rome).