

## Sheaves of operator modules (part 2)

I shall report on the current state of an ongoing project with Pere Ara (Barcelona) in which we aim to develop a sheaf cohomology theory for  $C^*$ -algebras. In this set of two talks, I will introduce all the necessary concepts from category theory and sheaves in a general categorical setting. Since the categories that arise in the analytic situation are not abelian, it is necessary to do the homological constructions within the framework of exact categories in the sense of Quillen.