

Exposé du jeudi 3 octobre 2013

ON THE FUNDAMENTAL GROUP SCHEME

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Résumé : In this talk I will first briefly recall the construction of the étale fundamental group in SGA1. Then I will introduce two generalizations of the étale fundamental group – one is Nori’s fundamental group, the other is the algebraic fundamental group (defined by the Tannakian group of the category of \mathcal{O} -coherent D -modules). Next I will explain a generalization of Nori’s definition and discuss some properties of this generalization.

1. Les jeudis matin, de 10 h 30 à 11 h 30, salle 004, IRMAR (bâtiment 22), Université de Rennes 1, Campus de Beaulieu