



Étale Homotopy Theory and Application

M. Ferreira-Filorama (IMJ-PRG) & A. Galet (IMJ-PRG) & N. Yamaguchi (Institute of Science Tokyo)



Abstract

We introduce the étale topology type constructed via rigid hypercoverings, and explain its role in anabelian geometry. A key application is a result of Schmidt and Stix, which characterizes isomorphisms of hyperbolic curves over fields finitely generated over the rational numbers in terms of their étale topology types.

List of Talks

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| Talk 1 - Simplicial schemes and their cohomologies | Talk 3 - The étale homotopy/cohomology groups of an étale topolog type |
| Talk 2 - Definition of the étale topology type for simplicial scheme | Talk 4 - Introduction to étale topological anabelian results |

