

Séminaire d'algèbre, géométrie et topologie
Jeudi 19 mai à 14h
Salle I

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Axioms for rigid analytic geometry

I'll give a 'soft' presentation of rigid analytic geometry in terms of some plausible axioms that a category of rigid analytic spaces ought to satisfy. The proof that such a theory exists and is unique is algebro-geometric in nature - I'll discuss some of the ingredients, which include the coherent cohomology of projective bundles, the Raynaud-Gruson theory of 'platification par éclatements', and the strong Chow lemma it implies.