



ID de Contribution: 10

Type: Non spécifié

## Introduction to the geometric Langlands conjecture (2)

*jeudi 6 décembre 2018 10:00 (1 heure)*

The geometric Langlands program takes its origin from a series of conjectures formulated by Langlands in late 1960's. A geometric version of these conjectures relates two natural spaces associated to a Riemann surface: the space of vector bundles and the space of local systems. In my talks, I will provide an informal introduction to the (global) geometric Langlands conjecture. I will then focus on some recent developments in this area, which combine classical ideas and modern tools. Finally, I will discuss some related 'flavors' of the geometric Langlands program: its classical limit and its quantization.

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