

Séminaire d'Algèbre, Topologie et Géométrie

Jeudi 6 mai à 13h40

Salle II

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Title : *Some topics on moduli theory of connections
on curves.*

Abstract : We will report on the following topics on the moduli theory of connections (i.e. vector bundles with connection) on a smooth projective curve.

1. The construction of good moduli spaces and their natural compactifications by GIT. (a joint work with Inaba and Iwasaki).
2. The canonical coordinates for the moduli spaces by apparent singularities (a joint work with S. Szabo).
3. Divisor of Jumping loci for underlying vector bundles. (a joint work with K. Miyazaki).