

Séminaire d'algèbre, topologie et géométrie  
Jeudi 28 avril à 14h  
Salle de conférences

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*Tautological algebra of the moduli space of semistable bundles  
on a generic curve*

In this talk, we will consider the algebra generated by the cohomology classes of the Brill-Noether loci on the moduli space of semi-stable vector bundles of fixed rank and degree, on a curve of genus  $g$ . We determine the structure of this algebra, when the rank is two and degree is  $2g-2$ , and  $C$  is generic. This result can be regarded as a higher rank analogue of Poincaré formula, in the rank one Jacobian case.