



CENTRO DE  
**MATEMÁTICA**  
UNIVERSIDADE DO PORTO

GEOMETRY AND TOPOLOGY SEMINAR

# Stability of the Poincaré bundle

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**Abstract.** Let  $X$  be a smooth projective curve of genus at least two. Let  $G$  be an almost simple affine algebraic group. The universal principal  $G$ -bundle is called the Poincaré bundle. It is a principal  $G$ -bundle on the product of the curve and the moduli stack of principal  $G$ -bundles. We prove that it is stable with respect to any polarization (joint work with I. Biswas and N. Hoffmann).

FRIDAY, MAY 26

15:30

ROOM 1.09

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