



CENTRO DE
MATEMÁTICA
UNIVERSIDADE DO PORTO

GEOMETRY AND TOPOLOGY SEMINAR

Motifs of character varieties

Jaime Silva

CMUP

Abstract. This is joint work with C. Florentino. The theory of motifs is an attempt to establish a universal cohomology theory for algebraic varieties. This has been completed in the case of smooth projective varieties, but the open case remains unsolved. In this seminar, I will talk about our attempt to adapt our previous work on Hodge structures of character varieties to the simplest type of motifs, the so called naive motifs. I will also try to convey some recent ideas on equivariant Chow motifs to solve these problems.

TUESDAY, JUNE 18

10H30

ROOM 1.09

Notice the unusual day and time

FCT Fundação para a Ciência e a Tecnologia
MINISTÉRIO DA CIÊNCIA, TECNOLOGIA E ENSINO SUPERIOR



With the support of UID/MAT/00144/2019