

SEMPARIS – Séminaires en région parisienne

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TBA

Lundi 8 Novembre 2021, 14 :00

IHES, Amphithéâtre Léon Motchane(Séminaire Géométrie et groupes discrets)

Domaines : math

Titre : *Higgs Bundles and Higher Teichmüller Spaces*

Orateur : **Oscar Garcia-Prada** (ICMAT, Madrid)

Résumé : *In this talk I will present a general construction in terms of Higgs bundles of the higher Teichmüller components of the character variety of a surface group for a real Lie group admitting a positive structure in the sense of Guichard-Wienhard. Key ingredients in this construction are the notion of magical sl_2 -triple, that we introduce, and the Cayley correspondence. Basics on Higgs bundle theory will be explained. (Based on joint work with Bradlow, Collier, Gothen and Oliveira).*
