SEMPARIS – Séminaires en région parisienne

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TBA

Mardi 28 Janvier 2020, 11 :30
IHES, Amphithéâtre Léon Motchane
Domaines : math

Titre : *Cartan Projections of some Nonreductive Subgroups*

Orateur : **Yosuke Morita (Université de Kyoto & IHES)**

Résumé : *Let G be a real reductive Lie group and H a closed subgroup of G. According to the Benoist-Kobayashi criterion, the properness of an action on G/H is controlled by the Cartan projection of H. In this talk, we give some examples of closed subgroups that are not reductive in G but whose Cartan projection is computable (one example is an abelian horospherical subgroup of G). Applying these nonreductive subgroups, we show that some homogeneous spaces of reductive type do not have compact Clifford-Klein forms.*