

SEMPARIS – Séminaires en région parisienne

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TBA

Mercredi 9 Mai 2018, 10 :30

IHES, Centre de conférences Marilyn et James Simons(Séminaire de Géométrie
Arithmétique Paris-Pékin-Tokyo)

Domaines : hep-th

Titre : *Endoscopy and cohomology of $U(n-1,1)$*

Orateur : **Sug Woo Shin (Berkeley University)**

Résumé : *We apply the endoscopic classification of automorphic representations for inner forms of unitary groups to bound the growth of cohomology in congruence towers of locally symmetric spaces associated with $U(n-1,1)$. Our bound is sharper than the bound predicted by Sarnak-Xue for general locally symmetric spaces. This is joint work with Simon Marshall.*
