

Geometry, Groups and Dynamics/GEAR Seminar
(held at the Illinois hub of GEAR)

12:00 pm, Tuesday, February 16, 2016, 243 Altgeld Hall

Steven Bradlow (Illinois)

Higgs bundles and flexibility of surface group representations

Abstract: Among their many virtues, Higgs bundles reveal features of surface group representations that can be difficult to detect by other means. This will be illustrated in situations where the image of a representation into a group G lies in a subgroup of G , with special attention given to the case where G is a non-compact real form such as $U(p,q)$ or $Sp(2n,R)$.

[Video](#)