Séminaire de théorie des nombres

Le 24 septembre 2012 à 14h (Jussieu)

Special cycles and modular forms for unitary Shimura varieties.

Exposé de Stephen Kudla
(Toronto)

Résumé :

In this pair of talks I will give an overview/survey of what one hopes to prove about the generating series associated to special arithmetic cycles in the Shimura varieties defined by unitary groups. Much of this is a longstanding joint project with Michael Rapoport. In addition, there is a lot of recent work by many people, including Ulrich Terstiege, Ben Howard, YiFeng Liu and others.