Automorphic Forms: Arithmetic and Geometry
January 3 - February 28, 2012

Organized by: J.W. Cogdell, C. Moeglin, G. Muic, J. Schwermer

Workshop: January 9 - 20

Week 2: January 16 - 20

- **Tuesday, January 17**
  10:00 – 11:00: Tung-Lin Tsai
  Stability of exterior square γ–factors for $GL(n)$
  11:00 – 11:30: coffee break
  11:30 – 12:30: Sophie Morel
  Introduction to "Mixed ℓ-adic complexes on varieties over $\mathbb{Q}$"
  12:30 – 14:30: lunch break
  14:30 – 15:30: Kris Klosin
  Congruences among automorphic forms on symplectic and unitary groups and the Bloch-Kato conjecture
  15:30 – 16:00 break
  16:00 – 17:00: Fritz Hörmann
  The arithmetic volume of orthogonal Shimura varieties

- **Thursday, January 19**
  10:00 – 11:00: Steffen Kionke
  Lefschetz numbers of involutions on the special linear group over quaternion algebras
  11:00 – 11:30: coffee break
  11:30 – 12:30: Sophie Morel
  Mixed ℓ-adic complexes on varieties over $\mathbb{Q}$
  12:30 – 14:30: lunch break
  14:30 – 15:30: Dan File
  Bessel coefficients of induced representations of some classical groups
  15:30 – 16:00 break
  16:00 – 17:00: Goran Muić
  Cuspidal automorphic representations with almost all unramified components fully induced

All lectures take place in the ESI Schrödinger Lecture Hall