

**“Advances in the Theory of Automorphic Forms and their L-Functions”  
Workshop, October 16 - 25, 2013**

**organized by  
Dihua Jiang, Peter Sarnak, Joachim Schwermer, Freydoon Shahidi**

**Schedule, week 2: October 21 - 23, 2013**

• **Monday, October 21, 2013**

09:15 **Opening & Registration**

09:30 – 10:30 **Peter Sarnak**

*Automorphic forms and L-functions after Cogdell and Piatetski-Shapiro*

10:30 – 11:00 *coffee break*

11:00 – 12:00 **David Soudry**

*On local descent to unitary groups*

12:00 – 14:00 *lunch break*

14:00 – 15:00 **Roman Holowinsky**

*Hybrid subconvexity for convolutions of the symmetric square*

15:30 – 16:30 **Dihua Jiang**

*Fourier coefficients of automorphic forms and related problems*

• **Tuesday, October 22, 2013**

09:30 – 10:30 **Freydoon Shahidi**

*Arthur parameters and L-functions*

10:30 – 11:00 *coffee break*

11:00 – 12:00 **Tony Scholl**

*Plectic cohomology of some Shimura varieties and special values of L-functions*

12:00 – 14:00 *lunch break*

14:00 – 15:00 **Daniel File**

*Test vectors and central values for  $GL(2)$*

15:30 – 16:30 **Joachim Schwermer**

*Some remarks on cohomology classes for arithmetic groups represented by residues of Eisenstein series*

- **Wednesday, October 23, 2013**

09:30 – 10:30 **Peter Scholze**

*On torsion in the cohomology of locally symmetric varieties*

10:30 – 11:00 *coffee break*

11:00 – 12:00 **Michael Harris**

*Eisenstein cohomology and construction of Galois representations*

12:00 – 14:00 *lunch break*

14:00 – 15:00 **Julee Kim**

*tba*

15:30 – 16:30 **Günter Harder**

*The arithmetic meaning of the second term in the constant term of a rank one Eisenstein series*

**The speakers and titles of their talks for Thursday and Friday, October 24/25, will be determined on Monday, October 21.**

**All lectures take place in the ESI Boltzmann Lecture Hall**