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

organized by
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Schedule, week 1: October 16 - 18, 2013

- **Wednesday, October 16, 2013**

  11:00 **Opening**
  coffee and tea in the common room

  14:00 – 15:00 **Freydoon Shahidi**
  Eisenstein series and L-functions I [mini-course]

  15:30 – 16:30 **Neven Grbac**
  Cohomology of arithmetic groups and automorphic forms I [mini-course]

- **Thursday, October 17, 2013**

  09:30 – 10:30 **Ye Tian**
  Period formula and congruent number problem

  10:30 – 11:00 *coffee break*

  11:00 – 12:00 **Erez Lapid**
  Algebraic and analytic aspects of Arthur's non-invariant trace formula (joint with Tobias Finis)

  12:00 – 14:00 *lunch break*

  14:00 – 15:00 **Freydoon Shahidi**
  Eisenstein series and L-functions II [mini-course]

  15:30 – 16:30 **Neven Grbac**
  Cohomology of arithmetic groups and automorphic forms II [mini-course]

- **Friday, October 18, 2013**

  09:30 – 10:30 **Wei Zhang**
  Heegner points and a B-SD conjecture

  10:30 – 11:00 *coffee break*

  11:00 – 12:00 **Ali Altug**
  Beyond endoscopy via the trace formula

  12:00 – 14:00 *lunch break*

  14:00 – 15:00 **Yiannis Sakellaridis**
  Non-standard comparisons of trace formulas

  15:30 – 16:30 **Eyal Kaplan**
  Rankin-Selberg integrals, Gamma-factors and applications

All lectures take place in the ESI Boltzmann Lecture Hall