

EULER INTERNATIONAL MATHEMATICAL INSTITUTE  
CHEBYSHEV LABORATORY @ ST. PETERSBURG STATE UNIVERSITY

ST. PETERSBURG RUSSIA

## THE LANGLANDS PROGRAM AND ADELIC THEORY

MAY 15 - JUNE 15 2013

**ORGANIZING COMMITTEE:** A. ANDRIANOV (Chair),  
V. Gritsenko, A. Parshin, A. Smirnov

**Program Committee:** M. Harris, A. Parshin (Chair)

**Participants include:** A. Andrianov, S. Gorchinskiy,  
V. Gritsenko, M. Harris, G. Henniart, J.-P. Labesse, D. Osipov,  
A. Parshin, F. Shahidi, A. Smirnov, M.-F. Vigneras

### **Lecture Courses** May 15 – May 26

A. Smirnov: Introduction to adeles, class field theory and the Weil groups

S. Gorchinskiy: Introduction to the representation theory of reductive groups over local fields

### **Lecture Courses** May 27 – June 8

J.-P. Labesse: Trace formula, base change and automorphic induction

A. Parshin: Generalizations of the Langlands program and zeta-functions of two-dimensional schemes

**Conference "The Langlands program and arithmetic":** June 10 – June 15

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