Program of the Israel Science Foundation Workshop on

Automorphic Forms and L-functions

May 15-19, 2006, Rehovot and Tel-Aviv

MONDAY, May 15  (Weizmann Institute, Schmidt Lecture Hall)

09:00 – 10:00  Registration of participants

10:00 – 12:30  Morning session on the trace formula
  James Arthur (University of Toronto)

12:30  LUNCH

14:30 – 15:30  Marie-France Vigneras (Institut Mathematiques de Jussieu)
  Irreducibility and cuspidality of the Steinberg representation modulo p

16:00 – 17:00  Prof. Chaim Leib Pekeris Memorial Lecture by
  Peter Sarnak (Princeton University)
  Equidistribution and Primes
  (Dolfi and Lola Ebner Auditorium)
TUESDAY, May 16   (Tel-Aviv University, Melamed Auditorium)

08:30 – 9:30   Bus from San-Martin to Tel-Aviv University

10:00 – 12:30   Morning session on L-functions
   Daniel Bump (Stanford University)
   James Cogdell (Ohio State University)

12:30                LUNCH

14:00 – 15:00   Akshay Venkatesh (Courant Institute)
   A spherical simple trace formula, and Weyl’s law for cusp forms

15:30 – 16:30   Wee Teck Gan (University of California, San Diego)
   The regularized Siegel-Weil formula for exceptional groups

17:00 – 18:00   Jiu-Kang Yu (Purdue University)
   Construction of tame types

WEDNESDAY, May 17   (Weizmann Institute, Schmidt Lecture Hall)

10:00 – 12:30   Morning session on theta correspondence
   Roger Howe (Yale University)
   Stephen Kudla (University of Maryland)

13:00 – 22:00   A tour and dinner in Jerusalem (bus leaves from San-Martin)

THURSDAY, May 18   (Weizmann Institute, Schmidt Lecture Hall)

10:00 – 11:00   Birgit Speh (Cornell University)
   The restriction of cohomologically induced representations to subgroups

11:30 – 12:30   Guy Henniart (University of Paris-Sud)
   Explicit local Langlands correspondence for GL(N): the tame case
12:30 LUNCH

14:30 – 17:00 Afternoon session on arithmetic applications
Peter Sarnak (Princeton University)
Freydoon Shahidi (Purdue University)

18:30 – 22:00 Banquet at Weizmann House

FRIDAY, May 19  (Weizmann Institute, Schmidt Lecture Hall)

10:00 – 11:00 Laurent Clozel (University of Paris-Sud)
Equidistribution of adelic tori and of CM-points for Shimura varieties

11:30 – 12:30 Dinakar Ramakrishnan (Caltech, Pasadena)
Rational cusp forms and Calabi-Yau varieties

12:30 LUNCH

14:00 – 15:00 Marko Tadic (University of Zagreb)
On irreducible unitary representations of classical p-adic groups

15:15 – 16:15 Werner Muller (University of Bonn)
The trace formula and the cuspidal spectrum of GL(n)

SATURDAY, May 20

07:00 – 20:00 A tour in Massada and Dead Sea
(bus leaves from San-Martin )