A SCHEDULE FOR THE CONFERENCE IN HONOR OF HILLEL FURSTENBERG

Jerusalem:
- Tuesday, 17 June (Institute of Mathematics, Einstein Building - Hall 2)
  - 9:00-10:00 Registration
  - 10:00-10:50 H. Kesten: Some examples of near subadditivity
  - 11:00-11:50 M. Keane: On spontaneous emergence of opinions: "Towards a better understanding of stochastic processes with infinite memory"

  - 12:00-14:00 Lunch (Beit Belgia) Greetings by Prof. Menahem Magidor - President of the Hebrew University of Jerusalem

  - 14:00-14:50 S.G. Dani: Group-induced actions on homogeneous spaces: a review
  - 15:00-15:50 D. Kazhdan: The theory of representations and special functions
  - 16:00-16:30 coffee break
  - 16:30-17:20 A. Nevo: Between measure-preserving and amenable actions
- Wednesday, 18 June (Institute for Advanced Studies, Feldman Building - Room 130)
  - 9:30-10:20 A. Bellow: Another look at some questions in pointwise ergodic theory
  - 10:30-11:00 coffee break
  - 11:00-11:50 A. Sznitman: On diffusive and ballistic random walks in random environment
  - 12:00-12:50 S. Molchanov: Dynamo Theorem

  - 13:00-14:30 Lunch (Beit Belgia)

  - 14:30-15:20 K. Schmidt: Isomorphism rigidity of algebraic Z^d-actions
  - 15:30-16:20 O. Zeitouni: Random matrices meet large deviations: asymptotics for matrix models and spherical integrals.
- Thursday, 19 June (Institute for Advanced Studies, Feldman Building - Room 130)
  - 9:30-10:20 F. Przytycki: Pressure and dimension of Julia sets
  - 10:30-11:00 coffee break
  - 11:00-11:50 E. Glasner: Classifying dynamical systems by their recurrence properties
  - 12:00-12:50 B. Kra: Non-conventional ergodic averages

  - 13:00-14:30 Lunch (Beit Belgia)

  - 14:30-15:20 Y. Guivarch: Orbits of linear group actions and orbit closures of semi-groups of automorphisms of the d-dimensional torus
  - 15:30-16:20 A. Katok: Rigidity of group actions and KAM method

  - 18:30 LECTURE and RECEPTION at the Israel Academy of Sciences, Jabotinski St.

  - Hillel Furstenberg: Probability in Mathematics: between Randomness and Symmetry

  - The reception will follow the lecture.

Beer Sheva:

- Sunday, 22 June (Building 26, Hall 6)

  10:00-11:00 Registration

  11:00-11:15 Greetings

  11:15-12:05 F. Ledrappier: Products of random matrices

  12:30-14:00 Lunch (Student Center)

  14:00-14:50 M. Aizenman: Probability cascades and the spin glass problem

  15:00-15:50 E. Lindenstraus: Measure rigidity, quantum unique ergodicity, and the set of exceptions in Littlewood's Conjecture

  16:00-16:30 coffee break

  16:30-17:20 V. Kaimanovich: A survey on boundaries: Answers and questions

- Monday, 23 June (Building 26, Hall 6)

  9:30-10:20 Y. Sinai: Difficulties in the $(3x + 1)$ and similar problems

  10:30-11:00 coffee break

  11:00-11:50 A. Lubotzky: From arithmetic progressions to congruence subgroups and back

  12:00-12:50 S. Mozes: Orbit closures, square complexes and simple groups

  13:00-14:30 Lunch (Student Center)

  14:30-15:20 B. A. Vershik: Polymorphisms: theory and applications

  15:30-16:20 M. Lemanczyk: On disjointness of special flows over irrational rotations from mixing and Gaussian flows

  16:30-17:00 coffee break

  17:00-17:50 Y. Peres: Extra heads, invariant allocations, and finitary coding

  19:30 DINNER at Neot Midbar hotel. Greetings by Prof. Jimmy Weinblatt, Rector of Ben-Gurion University of the Negev.

  Lecture by Yossi Hazor: Geological aspects of Massada

- Tuesday, 24 June (Building 26, Hall 6)

  9:30-10:20 V. Bergelson: Ergodic Ramsey theory: old and new results and conjectures

  10:30-11:00 coffee break

  11:00-11:50 R. Grigorchuk: Spectra of fractal groups and integrable maps

  12:00-12:50 R. Tichy: Metric results in diophantine approximation and uniform distribution.

  13:00-14:30 Lunch (Student Center)

  14:30-15:20 T. Kamae: Self-affine functions and self-similar processes

  15:30-16:20 B. Weiss: Prediction theory for stationary processes