



Faculty of Mathematics and Computer Science
The Weizmann Institute of Science

Distinguished Lecturer Series

Sponsored by the Arthur and Rochelle Belfer
Institute of Mathematics and Computer Science

Professor Sergey Novikov

Co-winner of the 2005 Wolf Prize in Mathematics
University of Maryland, College Park
and Landau Institute, Moscow

will speak on

Topology of the Generic Hamiltonian Systems on the Riemann Surfaces

Abstract

New Method was developed recently by the present author for study of Topology of Hamiltonian Systems (Foliations) defined by the real parts of holomorphic 1-forms, with special attention to the calculation of Fundamental Semigroup of the closed positive transversal curves playing crucial role in the description of these systems.

***The lecture will take place in the Lecture Hall, Room 1, Ziskind Building
on Tuesday, May 24, 2005
at 11:00***

Light refreshments will be served in the lobby before the talk