Program

Dates : September 3-7, 2007

Venue : Faculty of Science Building ♯ 5, Hokkaido University, Sapporo, Japan

September 3 (Monday)

10:00-11:00   Christopher Deninger (Münster University, Germany)
Vector bundles and p-adic representations

11:15-12:15   Gerard van der Geer (University of Amsterdam, Holland)
Euler chacteristics of local systems on the moduli of curves and abelian varieties of low genus

14:15-15:15   Michael Rapoport (Bonn University, Germany)
Some questions on $\mathcal{G}$-bundles on curves

15:30-16:30   Vitram B. Mehta (Tata Institute, India)
The Frobenius morphism and principal G-bundles on affine varieties (joint work with S. Subramanian)

September 4 (Tuesday)

10:00-11:00   Caucher Birkar (University of Cambridge, UK)
Minimal model program and moduli spaces

11:15-12:15   Shigeharu Takayama (University of Tokyo, Japan)
Boundedness of pluricanonical systems on algebraic varieties of general type

14:15-15:15   Kōta Yoshioka (Kobe University, Japan)
Stability and the Fourier–Mukai transform

15:30-16:30   Shigeru Mukai (Kyoto University, Japan)
Enriques surfaces associated with bielliptic abelian surfaces

18:00-20:00   Party at Faculty House "Trillium" (Enreiso)

September 5 (Wednesday)

10:00-11:00   Kazuhiro Fujiwara (Nagoya University, Japan)
Galois deformation and algebraic number theory

11:15-12:15   Ching-Li Chai (University of Pennsylvania, USA)
Modular varieties and Hecke symmetry

14:15-15:15   Teruyoshi Yoshida (University of Cambridge, UK)
Hecke correspondences on Shimura varieties with semistable reduction

15:30-16:30   Leon Takhtajan (Stony Brook University, USA)
Eisenstein–Maass series and Chern forms on moduli spaces of curves and parabolic bundles

September 6 (Thursday)

10:00-11:00   Thomas Zink (Bielefeld University, Germany)
New developments in the theory of displays

11:15-12:15   Conjeeveram S. Rajan (Tata Institute, India)
On the irreducibility of irreducible characters of simple Lie algebras

14:15-15:15   Tetsushi Ito (Kyoto University, Japan)
Hasse invariants and the l-adic cohomology of unitary Shimura varieties

15:30-16:30   Klaus Hulek (Hannover University, Germany)
Intersection theory of divisors on compactifications of $\mathcal{A}_g$

September 7 (Friday)

10:00-11:00   Lin Weng (Kyushu University, Japan)
General class field theory

11:15-12:15   Peter Zograf (Steklov Institute, Russia)
On the geometry of moduli spaces of meromorphic functions

14:15-15:15   Valery Alexeev (University of Georgia, USA)
Extended Torelli map: old and new

15:30-16:30   Eduard Looijenga (University of Utrecht, Holland)
Invariants of certain homogeneous forms as meromorphic automorphic forms