Program

Dates: September 8–15, 2004

Venue: Research Institute for Mathematical Sciences, Kyoto University, Kyoto, Japan

September 8 (Wednesday)

13:00–13:15 Opening

13:15–14:15 **S. Mukai** (RIMS)
Moduli of vector bundles, I.

14:30–15:30 **C. Soulé** (IHES)
Arakelov Geometry, I.

16:30–17:30 **I. Nakamura** (Hokkaido)
Degenerate abelian varieties of type E_8.

September 9 (Thursday)

10:00–11:00 **C. Faber** (Stockholm)
Cohomology of local systems on moduli spaces of curves and of abelian varieties, I.

11:15–12:15 **C. Soulé** (IHES)
Arakelov Geometry, II.

14:00–15:00 **C. Voisin** (Paris)
On homotopy types of Kähler compact manifolds and the Kodaira problem.

16:00–17:00 **A. Beauville** (Nice)
Vector bundles on curves and theta functions.

September 10 (Friday)

10:00–11:00 **C. Faber** (Stockholm)
Cohomology of local systems on moduli spaces of curves and of abelian varieties, II.

11:15–12:15 **C. Soulé** (IHES)
Arakelov Geometry, III.

14:00–15:00 **Y. Laszlo** (Paris)
Vector bundles in positive characteristic.

16:00–17:00 **S. Mukai** (RIMS)
Moduli of vector bundles, II.

September 13 (Monday)

10:00–11:00 **K. Fujiwara** (Nagoya), **F. Kato** (Kyoto)
Rigid geometry, I.

11:15–12:15 **C. Faber** (Stockholm)
Cohomology of local systems on moduli spaces of curves and of abelian varieties, III.

14:00–15:00 **S. Mochizuki** (RIMS)
Anabelian Geometry from an Inter-universal Point of View, I.

16:00–17:00 **K. Kato** (Kyoto)
Moduli spaces of Hodge structures and log abelian varieties.

September 14 (Tuesday)

10:00–11:00 **K. Fujiwara** (Nagoya), **F. Kato** (Kyoto)
Rigid geometry, II.

11:15–12:15 **S. Mochizuki** (RIMS)
Anabelian Geometry from an Inter-universal Point of View, II.

14:00–15:00 **R. Hain** (Duke)
On the symplectic cohomology of hyperelliptic mapping class groups.

16:00–17:00 **N. Nitsure** (TIFR)
Moduli of regular holonomic D-modules with natural parabolic semi-stability

September 15 (Wednesday)

10:00–11:00 **K. Fujiwara** (Nagoya), **F. Kato** (Kyoto)
Rigid geometry, III.

11:15–12:15 **S. Mochizuki** (RIMS)
Anabelian Geometry from an Inter-universal Point of View, III.