

MMP and extremal rays

June 20–24, 2011

RIMS, Kyoto University, Room 420

June 20 (Monday)

- 10:00–11:00 J. M^cKernan (Massachusetts Institute of Technology),
The importance of being big.
- 11:30–12:30 C. Birkar (Cambridge University),
Existence of log canonical flips and a special LMMP.
- 14:00–15:00 J. A. Chen (National Taiwan University),
Explicit three-dimensional minimal model program.
- 16:00–17:00 M. Mustață (University of Michigan),
Asymptotic invariants and valuations.

June 21 (Tuesday)

- 9:30–10:30 V. V. Shokurov (Johns Hopkins University/Steklov Institute of Mathematics),
Mobility and rigidity in birational algebraic geometry.
- 10:45–11:45 C. Xu (Massachusetts Institute of Technology),
Boundedness of algebraic varieties.
- 13:30–14:30 A. Corti (Imperial College London),
Extremal Laurent Polynomials and Fano Manifolds.
- 14:45–15:45 V. Lazić (Imperial College London),
MMP revisited.
- 16:15–17:15 M. Kawakita (RIMS),
Ideal-adic semi-continuity problem for minimal log discrepancies.

June 22 (Wednesday)

- 10:00–11:00 H. Clemens (Ohio State University),
The intersection number for pairs of (topological) normal functions and a height pairing for (disjoint, homologically trivial) submanifolds.
- 11:30–12:30 Y. Miyaoka (University of Tokyo),
Canonical degree of nodal curves on a surface of general type.
- 14:00–15:00 J. Kollár (Princeton University),
MMP and moduli of varieties.
- 16:00–17:00 S. Mori (RIMS),
Threefold \mathbb{Q} -conic bundles and a personal review of extremal rays.

June 23 (Thursday)