

## Program of the Conference

### “Higher Dimensional Algebraic Geometry in honour of Professor Yujiro Kawamata’s sixtieth birthday”<sup>1</sup>

#### Januray 7 Monday

10:00–10:50

Y. Toda (IPMU), Gepner type stability conditions on triangulated categories

11:20–12:10

J.-M. Hwang (KIAS), Buser-Sarnak invariants of Prym varieties

14:00–14:50

M. Reid (Univ. Warwick), Diptych varieties

15:20–16:10

B. Totaro (Univ. Cambridge), Symmetric differentials and the fundamental group

16:40–17:30

C. Xu (BICMR, Univ. Utah), Dual complexes of singularities

#### Januray 8 Tuesday

10:00–10:50

L. Ein (Univ. Illinois Chicago), Asymptotic syzygies of algebraic varieties

11:20–12:10

M. Mustaŭ (Univ. Michigan), Frobenius version of Seshadri constants

14:00–14:50

D. Huybrechts (Univ. Bonn), More on cycles on quartic K3 surfaces

15:10–16:00

M. Popa (Univ. Illinois Chicago), Kodaira dimension and zeros of holomorphic one-forms

16:30–17:20

A. Kuznetsov (Steklov Math. Inst.), Categorical resolutions of singularities

17:40–18:30

T. Yasuda (Osaka Univ.), The  $p$ -cyclic McKay correspondence

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<sup>1</sup>Affiliations are the ones when the conference held.

### **Januray 9 Wednesday**

10:00–10:50

Y.-T. Siu (Harvard Univ.), Zariski closures of entire holomorphic curves and the abundance conjecture

11:20–12:10

M. Păun (Univ. Nancy, KIAS), Semi-positivity results for relative adjoint transcendental classes and applications

12:20–13:10

O. Fujino (Kyoto Univ.), Fundamental theorems for semi-log-canonical pairs

### **Januray 10 Thursday**

10:00–10:50

C. Birkar (Univ. Cambridge), Singularities in Fano type fibrations

11:20–12:10

J. M<sup>c</sup>KERNAN (MIT), The diminished base locus and Zariski decompositions

14:00–14:50

C. Hacon (Univ. Utah), On flips for 3-folds in characteristic  $p > 0$

15:20–16:10

V. V. Shokurov (Johns Hopkins Univ.), Limits of polarized models

16:40–17:30

Y. Kawamata (Univ. Tokyo), Log canonical divisors and positivity - Past, Present and Future

### **Januray 11 Friday**

10:00–10:50

C. Voisin (Univ. Paris VI), Recent progresses on zero cycles on surfaces

11:20–12:10

Y. Namikawa (Kyoto Univ.), Symplectic varieties of complete intersection and contact geometry

14:00–14:50

F. Catanese (Univ. Bayreuth), Some topological and transcendental methods in classification and moduli theory

15:10–16:00

A. Beauville (Univ. Nice), The Lüroth problem

16:30–17:20

K. Oguiso (Osaka Univ.), Smooth quartic K3 surfaces and Cremona transformations

17:40–18:30

S. Mukai (RIMS), Enriques surfaces and root systems modulo 2