

# Tambara Algebraic Geometry summer school 2017

August 21 – August 25, 2017

Organizers: Yujiro Kawamata, Keiji Oguiso, Masanori Kobayashi, Kaori Suzuki, Yoshinori Gongyo, Yusuke Nakamura

## Program

### Monday, August 21

15:00 – 16:00 **Atsushi Ito** (Nagoya University) TBA

16:30 – 17:30 Short Communications

### Tuesday, August 22

9:10 – 12:00 **Genki Ouchi** (The University of Tokyo), **Naoki Koseki** (The University of Tokyo) Projectivity and Birational geometry of Bridgeland moduli spaces/MMP for moduli of sheaves on K3s via wall-crossing: nef and movable cones, Lagrangian fibrations after Bayer and Macri

13:30 – 15:10 **Yukinobu Toda** (IPMU) Intensive Lecture

15:40 – 17:20 **Akira Ishii** (The University of Tokyo) G-constellations and the maximal resolution of a quotient surface singularity

### Wednesday, August 23

9:10 – 12:00 **Genki Ouchi** (The University of Tokyo), **Naoki Koseki** (The University of Tokyo) Projectivity and Birational geometry of Bridgeland moduli spaces/MMP for moduli of sheaves on K3s via wall-crossing: nef and movable cones, Lagrangian fibrations after Bayer and Macri

14:00 – 16:00 Free discussion

### Thursday, August 24

9:10 – 10:10 **Kohei Kikuta** (Osaka University) Periodic points and Categorical entropy

10:40 – 11:40 **Ryo Ohkawa** (Waseda University) Perverse coherent sheaves on the minimal resolution of  $A_n$ -singularity.

13:30 – 15:10 **Yukinobu Toda** (IPMU) Intensive Lecture

15:40 – 17:20 **Hokuto Uehara** (Tokyo Metropolitan University) Autoequivalences of smooth projective surfaces.

### Friday, August 25

9:20 – 10:20 **Genki Ouchi** (The University of Tokyo), **Naoki Koseki** (The University of Tokyo) Projectivity and Birational geometry of Bridgeland moduli spaces/MMP for moduli of sheaves on K3s via wall-crossing: nef and movable cones, Lagrangian fibrations after Bayer and Macri