

Pacific Rim Complex and Symplectic Geometry Conference, Kyoto, 2022

Maskawa Hall, Kyoto University

August 1

12:50-12:55 Opening

13:00-14:00 Kento Fujita (Osaka University)

The Calabi problem for Fano threefolds

14:15-15:15 Dano Kim (Seoul National University)

Canonical bundle formula and degenerating families of volume forms

15:30-16:30 Yang Zhou (Fudan University)

K-theoretic quasimap wall-crossing and applications

August 2:

10:00-11:00 Yoosik Kim (Pusan National University)

Disk potential functions of polygon spaces

11:15-12:15 Fumihiko Sanda (Gakushuin University)

Mirror symmetry of Fano manifolds via toric degenerations

14:00-15:00 Jun Zhang (University of Science and Technology of China)

Triangulated persistence category in symplectic geometry

15:15-16:15 Yoshihiro Sugimoto (Tokyo Metropolitan University)

On the number of periodic orbits in Hamiltonian dynamics

August 3:

10:00-11:00 Eunjeong Lee (Chungbuk National University)

Foldings in studying flag manifolds

11:15-12:15 Jiayin Pan (University of California, Santa Cruz)

Some examples of open manifolds with positive Ricci curvature

August 4:

10:00-11:00 Weimin Sheng (Zhejiang University)

Positive mass theorem with low-regularity Riemannian metrics

11:15-12:15 Yohsuke Imagi (ShanghaiTech University)

Calabi–Yau Metrics on Nodal 3-folds

14:00-15:00 Lucas Kaufmann (IBS-Center for Complex Geometry)

Residue currents for holomorphic foliations

15:15-16:15 Toshihiro Nose (Fukuoka Institute of Technology)

Meromorphic continuation and non-polar singularities of local zeta functions in some smooth cases

August 5:

9:30 -10:30 Yuya Takeuchi (University of Tsukuba)

Γ -curvatures and the Hirachi conjecture

10:45-11:45 Takahiro Inayama (Tokyo University of Science)

Singular Demailly-Skoda type theorem

12:00 -13:00 Yuuji Tanaka (Kyoto University)

On a blowup formula for sheaf-theoretic virtual enumerative invariants on projective surfaces