

2026

Higher Dimensional Algebraic Geometry

Date: 2026/04/13-17

Venue: R515, Cosmology Bldg., NTU

Invited Speakers

Harold Blum	University of Utah
Cinzia Casagrande	University of Torino
Paolo Cascini	Imperial College London
Omprokash Das	Tata Institute of Fundamental Research
Kento Fujita	Osaka University
Yoshinori Gongyo	University of Tokyo
Lena Ji	University of Illinois Urbana-Champaign
Yongnam Lee	Institute for Basic Science
Hsueh-Yung Lin	National Taiwan University
James McKernan	University of California, San Diego
Pedro Núñez	National Taiwan University
Shinnosuke Okawa	Osaka University
Mircea Mustață	University of Michigan
Sung Gi Park	Princeton University
Wanchun (Rosie) Shen	Harvard University
Evgeny Shinder	University of Sheffield
Behrouz Taji	UNSW Sydney
Shunsuke Takagi	University of Tokyo
Willem Veys	KU Leuven
Jakub Witaszek	Northwestern University
Ziquan Zhuang	Johns Hopkins University

Organizers

Jungkai Chen	National Taiwan University
Yujiro Kawamata	University of Tokyo & NCTS
Mihnea Popa	Harvard University
Chenyang Xu	Princeton University

Aim & Scope

Algebraic geometry has long been a very active discipline in mathematics. It is also intertwining with the development of number theory, differential geometry, mathematical physics, representation theory, and even some branches of real-world applications. During the past three decades, not only the core birational geometry has great advances thanks to Birkar-Cascini-Hacon-McKernan and Birkar's work on BAB conjecture, but also there are various new ideas, methods and techniques appeared, such as derived categories, mirror symmetry, Berkovich spaces, and K-stabilities.

