

Schedule

Time&Date	Monday (December 15)	Tuesday (December 16)	Wednesday (December 17)	Thursday (December 18)	Friday (December 19)
7:30-8:30	Breakfast				
8:25-8:30	Opening:Stephen S.-T. Yau				
Chair	Huaiqing Zuo	Stanisław Janeczko	Osamu Saeki	Miyuki Koiso	Uribe-Vargas Ricardo
8:30-9:20	Stanisław Janeczko	Uribe-Vargas Ricardo	Ilya Bogaevskii	Osamu Saeki	Jacek Rogala
9:20-09:50	Coffee Break (30 minutes)				
9:50-10:40	Siyong Tao	Cheng Meng	Hongrui Ma	Xucheng Zhang	Xiankui Meng
10:40-11:30	Yifan Chen	Shuanghe Fan	Group photo	Liang Chen	Xia Liao
12:00-14:00	Lunch (90 minutes)				
Chair	Mingyi Zhang	Xia Liao	Free Discussion 14:00-17:00	Pengcheng Li	Hu Chuangqiang
14:30-15:20	Zhenjian Wang	Mingyi Zhang		Masato Tanabe	Guorui Ma
15:20-15:50	Coffee Break (30 minutes)			Coffee Break (30 minutes)	
15:50-16:40	Miyuki Koiso	Quan Shi		Chong Zheng	
17:30	Dinner	Banquet 18:00-20:00	Dinner (90 minutes)		

December 15, 2025 - Monday

Time	Name	Title
7:30-8:30	Breakfast (60 minutes)	
8:25-8:30	Opening: Stephen S.-T. Yau	
Chair	Huaiqing Zuo	
8:30-9:20	Stanisław Janeczko	Residues of differential forms on singular varieties
9:20-09:50	Coffee Break (30 minutes)	
9:50-10:40	Siyong Tao	Bernstein-Sato roots and test module filtrations for Cartier pairs in positive characteristics
10:40-11:30	Yifan Chen	On the monodromy conjecture for determinantal varieties
12:00-14:00	Lunch (90 minutes)	
Chair	Mingyi Zhang	
14:30-15:20	Zhenjian Wang	Bounded Negativity Conjecture for Fermat surfaces
15:20-15:50	Coffee Break (30 minutes)	
15:50-16:40	Miyuki Koiso	Removability of isolated singularities of critical points of parametric elliptic functionals
17:30	Dinner (90 minutes)	

December 16, 2025 - Tuesday

Time	Name	Title
7:30-8:30	Breakfast (60 minutes)	
Chair	Stanisław Janeczko	
8:30-9:20	Uribe-Vargas Ricardo	Quadratic Maps: geometry of their critical value set and focal set, and their polar dual relation
9:20-09:50	Coffee Break (30 minutes)	
9:50-10:40	Cheng Meng	Singularities and Limits of F-invariants
10:40-11:30	Shuanghe Fan	Higher order Hessian matrix theory and its applications in Calabi-Yau manifolds
12:00-14:00	Lunch (90 minutes)	
Chair	Xia Liao	
14:30-15:20	Mingyi Zhang	Canonical blowups of Grassmannians and the Faltings-Lafforgue compactifications
15:20-15:50	Coffee Break (30 minutes)	
15:50-16:40	Quan Shi	Polar loci of multivariable archimedean zeta functions
18:00-20:00	Banquet	

December 17, 2025 - Wednesday

Time	Name	Title
7:30-8:30	Breakfast (60 minutes)	
Chair	Osamu Saeki	
8:30-9:20	Ilya Bogaevskii	Discontinuous gradient ODEs, trajectories in the minimal action problem, and massive points in one cosmological model
9:20-09:50	Coffee Break (30 minutes)	
9:50-10:40	Hongrui Ma	Tjurina Number Jumps and Unimodal Hypersurface Singularities in Positive Characteristic
10:40-11:30	Group photo	
12:00-14:00	Lunch (90 minutes)	
14:00-17:00	Free Discussion	
17:30	Dinner (90 minutes)	

December 18, 2025 - Thursday

Time	Name	Title
7:30-8:30	Breakfast (60 minutes)	
Chair	Miyuki Koiso	
8:30-9:20	Osamu Saeki	Global singularity theory and its application to data analysis
9:20-09:50	Coffee Break (30 minutes)	
9:50-10:40	Xucheng Zhang	Classifying open subsets with the same quotient
10:40-11:30	Liang Chen	Local differential geometry of lightcone framed submanifolds
12:00-14:00	Lunch (90 minutes)	
Chair	Pengcheng Li	
14:30-15:20	Masato Tanabe	Immersions associated with links of complex surface singularities and their topology
15:20-15:50	Coffee Break (30 minutes)	
15:50-16:40	Chong Zheng	Discrete Morse Theory as a Framework for Discretizing Classical Singularities
17:30	Dinner (90 minutes)	

December 19, 2025 - Friday

Time	Name	Title
7:30-8:30	Breakfast (60 minutes)	
Chair	Uribe-Vargas Ricardo	
8:30-9:20	Jacek Rogala	Brain, sex, temperature and memory performance
9:20-09:50	Coffee Break (30 minutes)	
9:50-10:40	Xiankui Meng	L2 estimates for line bundles equipped with singular Hermitian metrics
10:40-11:30	Xia Liao	log transversality, global Ginzburg's sharp construction and applications
12:00-14:00	Lunch (90 minutes)	
Chair	Hu Chuangqiang	
14:30-15:20	Guorui Ma	Algebraic Geometric Construction on Superintegrable Systems in a Homogeneous Space
15:20-15:50	Coffee Break (30 minutes)	
17:30	Dinner (90 minutes)	