List of Lectures

Yik-Man Chiang	Degenerated biconfluent Heun operator and Painievé IV
Baohua Fu	Geometry of linear sections of rational homogeneous spaces
Jaehyun Hong	Cohomology of Hessenberg varieties
Jun-Muk Hwang	On Hirschowitz's conjecture on the formal principle
Sui-Chung Ng	Syzygies of ample line bundles on fake projective planes
Tuen Wai Ng	The Squeezing Functions and Fridman Functions on Planar Domains
Yum-Tong Siu	Vanishing Orders of Jacobian Determinants and Metrics from Sections of Line Bundles
Xiaotao Sun	Slope inequality and Miyaoka-Yau type inequality
Wing-Keung To	Volume estimates, singular potentials and applications
Sai-Kee Yeung	Torelli locus and symmetric subvarieties of a Siegel moduli variety
Xiangyu Zhou	Multiplier ideal sheaves: properties and applications