Schedule of Talks

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June 5, 2019 (Wednesday)

Venue: Room 201 and LT 9, Yasumoto International Academic Park

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	YIA 201	YIA LT 9
2:00pm – 2:45pm	Registration	
2:45pm – 3:00pm	Opening Remarks by Department Chairman at YIA LT 9	
	YIA 201	YIA LT 9
Chair	DUAN Renjun	LI Martin
3:10pm – 3:30pm	CHOI Man-Duen *A Mathematician's Apology on Tensor Products*	TSUI Kwok Leung *Systems Monitoring and Personalized Health Management*
3:30pm – 3:50pm	WANG Xiaoliu *Some new results on the curve flows*	CHEN Binglong *Local regularity of Einstein spacetimes*
3:50pm – 4:10pm	YANG Jun *Clustered boundary interfaces for an inhomogeneous Allen-Cahn equation*	HO Pak Tung *Q-curvature in Conformal Geometry*
4:10pm – 4:50pm	Tea Break	
Chair	LAM Adrian	MA Ziming
4:50pm – 5:10pm	TSANG Ka Wai *Adaptive Clinical Trial: Post-selection inference*	LEE Man Chun *Kahler metrics around Shi's Kahler Ricci flow solution*
5:10pm – 5:30pm	SUEN Anthony Chun Kit *Small parameter limit for a class of active scalar equations*	ZHANG Xiao *Noncommutative Einstein field equations*

June 6, 2019 (Thursday)

Venue: Room 201 and LT 9, Yasumoto International Academic Park

	YIA 201	YIA LT 9
9:30am – 10:20am	Breakfast	
Chair	LI Jinkai	LEUNG Conan
10:20am – 10:40am	WONG Tak Kwong *Optimal Savings and the Value of Population under Stochastic Environment*	HUI Chun Yin *Algebraic Envelopes of Compatible System*
10:40am – 11:00am	HUANG Xiangdi *Global large solutions of two dimensional compressible Navier-Stokes equations in the whole space*	POON Yat Sun *Deformation of Holomorphic Poisson Structures on Nilmaniflds*
11:00am – 11:40am	Tea Break	
11:40am – 12:00nn	XIE Chunjing *Structural stability of Poiseuille flows in nozzles*	YAU Stephen Shing Toung *Variation of complex structures and variation of Lie algebras*
12:00nn – 12:20pm	LAM Wayne Wai Yeung *Dimers and circle patterns*	LAU Siu-Cheong *Some recent developments in SYZ mirror symmetry*
12:20pm – 2:40pm	Lunch	
Chair	YU Yong	CHUNG Eric
2:40pm – 3:00pm	YANG Wen *Sharp estimates for solutions of Mean Field equation with collapsing singularities*	WONG Ngai Ching *Murray-von Neumann type classifications of C*-algebras*
3:00pm – 3:20pm	NIU Dongjuan *Some results on helical flows*	WONG Wing Keung *New Development on the Third Order Stochastic Dominance for Risk-Averse and Risk Seeking Investors with Application in Risk Management*
3:20pm – 3:40pm	NGAI Sze-Man *Laplacians defined by fractal measures: spectral asymptotics and some applications*	SUNG Li-yeng *Finite Element Methods for Fourth Order Variational Inequalities*
3:40pm – 5:00pm	Long Tea break and discussions	
5:15pm – 6:15pm	Prof. Yau's public talk at LSK LT 5	
7:30pm –	Banquet at Chung Chi College Staff Club (by invitation)	

June 7, 2018 (Friday)

Venue: Rooms 501a and 502a, Academic Building No.1 (AB1)

	AB1 501a	AB1 502a
Chair	HE Xinggang	LAU Siu-Cheong
10:20am – 10:40am	GU Qingsong *Metrics on fractals and application to sub-Gaussian heat kernel bounds*	CAO Yalong *Counting curves on Calabi-Yau 4-folds*
10:40am – 11:00am	LAI Chung Kit *Curvature and Frame of exponentials for surface measures*	HSU Shu Yu *Ancient solutions of the Yamabe flow*
11:00am – 11:40am	Tea Break	
11:40am – 12:00nn	ZHANG Zhiwen *A multiscale finite element method for the Schrödinger equation with multiscale potentials*	MAK Cheuk Yu *Category O from Fukaya-Seidel category of nilpotent slices*