

DEPARTMENT OF MATHEMATICS
Honours Year Project -Final Oral Presentation
for Cohort AY2017/18 Sem 1

updated on 21/3/2018

Date	Time	Venue	Student	Title	Supervisor	Examiner
Monday 26-Mar-18	10:00 - 11:00	S17-04-06	LIAN Yi Jie Kelvin	Abelian /-adic Galois Representations Attached to Elliptic Curves	ZHANG Lei	Victor TAN
Monday 26-Mar-18	16:00 - 17:00	S17-04-06	Davin TAN Shun Chong	Perturbation Theory of the Full Ranked Linear Least Square Problems	CHU Delin	YANG Haizhao
Monday 26-Mar-18	17:00 - 18:00	S17-04-06	Budi Andoro Hartanto	Comparing EVT and Standard VaR and ES Estimation	LOU Jiann-Hua	ZHOU Chao
Tuesday 27-Mar-18	14:00 - 15:00	S17-04-06	CHEN Tian Min	Travelling Wave Solutions for Hyperbolic Conservation Laws	YU Shih-Hsien	CHUA Seng Kee
Wednesday 28-Mar-18	12:00 - 13:00	S17-04-05	CHIA Teck Yan	Distributed deterministic asynchronous algorithms	Jeffrey PANG	ZHANG Louxin
Wednesday 28-Mar-18	15:00 - 16:00	S17-04-05	Doron LOH	Exactly Solved Models in Statistical Mechanics	Graeme WILKIN	CAI Zhenning
Thursday 29-Mar-18	09:00 - 10:00	S17-04-06	Evelyn CHEE Yi Lyn	Theory & Algorithms for Reinforcement Learning: Application in Public Transportation Planning	LI Qianxiao (Adj)	Dilip RAGHAVAN
Thursday 29-Mar-18	10:00 - 11:00	S17-04-06	TAY Yi Duan Calvin	Small Gaps between Primes	GAN Wee Teck	ZHANG Lei
Thursday 29-Mar-18	11:00 - 12:00	S17-04-06	Anthony Prayugo	Efficient Bilateral Trade with Persuasion	CHEN Yi Chun (EC), Jeffrey Pang	Jeffrey PANG
Thursday 29-Mar-18	12:00 - 13:00	S17-04-06	LEE Kee Wei	Identities in Hyperbolic Geometry	TAN Ser Peow	Graeme WILKIN
Thursday 29-Mar-18	16:00 - 17:00	S17-04-06	HUANG Yiming	Detecting ADHD via Neural Network	JI Hui	TANG Wai Shing
Monday 2-Apr-18	09:00 - 10:00	S17-04-06	TOH Teck Wei	Poincar'e last gift in symplectic geometry	Graeme WILKIN	TAN Ser Peow
Monday 2-Apr-18	10:00 - 11:00	S17-04-06	Nurul Syaira Binte ZULKIFLI	Prime Number Theorem: Exploring its Proof, History and implications	Victor TAN	TAN Kai Meng
Monday 2-Apr-18	11:00 - 12:00	S17-04-06	NG Keng Hwee	Simulation of Rare Noise - Induced Transitions	Ren Weiqiang	CHU Delin
Monday 2-Apr-18	12:00 - 13:00	S17-04-06	CHU Khoon Hwa	Constructing the Central Fibre of the Hitchin Fibration	Graeme WILKIN	HAN Fei
Monday 2-Apr-18	13:00 - 14:00	S17-04-06	Kishan S/O SUBRAMANIAM	Banach-Tarski Paradox	Dilip RAGHAVAN	STEPHAN, Frank Christian
Monday 2-Apr-18	14:00 - 15:00	S17-04-06	CHIANG Jianlun	A General Game for Social Norm and Equilibrium Analysis	ZHAO Gong Yun	Jeffrey PANG
Monday 2-Apr-18	15:00 - 16:00	S17-04-06	Tiffany WEE Yan Lyn	Jumping Robbery in Digraphs	NG Kah Loon	TAN Ban Pin
Monday 2-Apr-18	16:00 - 17:00	S17-04-06	CH'NG Ming Shin	Picture Mosaic with extension to Video	Ternce SIM (CS), JI Hui	JI Hui
Monday 2-Apr-18	17:00 - 18:00	S17-04-06	AIK Kian Cheong	The Analytic Class Number Formula	Victor TAN	GAN Wee Teck
Monday 2-Apr-18	18:00 - 19:00	S17-04-06	LI Yao'an	Kings in complete multipartite graphs	TAN Ban Pin	NG Kah Loon
Tuesday 3-Apr-18	14:00 - 15:00	S17-04-06	TRAN Hoang Bao Linh	Opinion Diffusion in Large Random Networks	VU Van Ha	ZHANG Louxin
Tuesday 3-Apr-18	15:00 - 16:00	S17-04-06	ONG Sue Ling	Markov Chains	TONG Xin	SUN Rongfeng
Tuesday 3-Apr-18	16:00 - 17:00	S17-04-06	LOH Cheng Wai, Mathias	A semidefinite relaxation branch-and-bound algorithm for quadratic knapsack problems within the SCIP Optimization Suite	TOH Kim Chuan	ZHAO Gong Yun
Tuesday 3-Apr-18	17:00 - 18:00	S17-04-06	LIANG Yuchen	Principal Agent Problem in Bank's Risk Taking	ZHAO Gong Yun & Keppo Jussi (CS)	ZHAO Gong Yun
Wednesday 4-Apr-18	12:00 - 13:00	S17-04-05	CHEN Yue	The Evidence Game	ZHAO Gong Yun	WANG Dong
Wednesday 4-Apr-18	15:00 - 16:00	S17-04-05	SITT Wei Kian	Romberg Integration	CHU Delin	REN Weiqing
Thursday 5-Apr-18	09:00 - 10:00	S17-04-06	QUEK Ming Hao	Supersingular Primes of A Given Elliptic Curve over \mathbb{Q}	GAN Wee Teck	ZHANG Lei
Thursday 5-Apr-18	10:00 - 11:00	S17-04-06	Lester SIM Wen Hao	Nevanlinna Theory	LOKE Hung Yean	LEE Soo Teck
Thursday 5-Apr-18	16:00 - 17:00	S17-04-06	FONG Zhi Kang	Optimal shift invariant spaces and data modelling	TANG Wai Shing	JI Hui
Thursday 5-Apr-18	17:00 - 18:00	S17-04-06	NG Boo Zheng Kenneth	Application of Supporting Halfspace Quadratic Programming onto various splitting methods	Jeffrey PANG	TOH Kim Chuan

Friday 6-Apr-18	09:00 - 10:00	S17-04-06	CHUA Ka Yi Ong	Probabilistic Matrix Factorization and its extension	Vincent TAN, Harold SOH (CS)	Vincent TAN
Friday 6-Apr-18	10:00 - 11:00	S17-04-06	Indrik WIJAYA	Machine Learning For Genomics	Vincent TAN, Huili Guo	Vincent TAN
Friday 6-Apr-18	11:00 - 12:00	S17-04-06	LU Jianlong	Positive Mass Theorem, Spinors and Physics	HAN Fei	Graeme WILKIN
Friday 6-Apr-18	12:00 - 13:00	S17-04-06	WEE Lai Heng Timothy	Active Learning for Composite Likelihood Estimation in Markov Random Fields	Vincent TAN	TONG Xin
Friday 6-Apr-18	13:00 - 14:00	S17-04-06	Christopher HENDRA	Graphical Models for Mode of Transport Classification	Vincent TAN	TONG Xin
Friday 6-Apr-18	16:00 - 17:00	S17-04-06	CHEONG Yu Jia	Robust Euclidean distance matrix models for Euclidean embedding problems with corrupted data	TOH Kim Chuan	Jeffrey PANG
Friday 6-Apr-18	17:00 - 18:00	S17-04-06	ONG Jing Jie	Investigating the Feasibility of Implementing ElGamal Cryptosystems over Matrix Groups	MA Siu Lun	LEUNG Ka Hin