

NATIONAL UNIVERSITY OF SINGAPORE
DEPARTMENT OF INDUSTRIAL AND SYSTEMS ENGINEERING

Area of Specialisation (AOS) Declaration
Sem 1, AY2007/2008

S/N	NAME	Result	Project title	AOS	Supervisor	Co-Supervisor	Declare
1	AN YU	S10	Supply Chain Networking Optimization	nil	A/Prof Lee LH	Nil	LSO
2	CHAN MEI CHENG	2	The collective effect of product and service quality on customer satisfaction – The case of portable music players	nil	Dr. Chai KH	Nil	
3	CHEAH JOUNE SENG	22	Comparison Study for local search heuristics on stochastic problem	nil	A/Prof Lee LH	A/Prof Chew EP	
4	CHEN SI	61	Optimization of a portfolio returns with risk and time horizon constraints	LSO	Dr. Yap CM	A/Prof Lee LH	LSO
5	CHEN XI	S2	Strategic logistics decision making under uncertainty for the fashion industry	LSO	A/Prof Poh KL	Nil	LSO
6	CHENG HAIXING	S8	Simulation for Port Operation	nil	A/Prof Lee LH	A/Prof Chew EP	
7	CHIN MING YONG EUGENE	8	Quality Management: Response to Globalization	QEM	Prof Goh TN	Nil	QEM
8	GOH SHING LOONG TIMOTHY	59	Implied Growth Rate and Cost of Capital in Stock Prices	LSO	Dr. Yap CM	Nil	
9	HU RONG	S9	A Comparative Study of Methodologies for Sales Force Management	nil	A/Prof Poh KL	Nil	
10	HUA JING	7	Diversity Competition: An Extension of Hotelling Game	LSO	A/Prof Chew EP	A/Prof Lee CG	LSO
11	JANNY YU	S4	Valuation of Risky Project Options - A Decision Analysis Approach	LSO	A/Prof Poh KL	Nil	LSO
12	JIANG LIZI	4	Reach and Richness of knowledge sharing mechanism	nil	Dr. Chai KH	Nil	
13	LEE WEN LEE	46	Literature review on six sigma in manufacturing	nil	A/Prof Tan KC	Nil	
14	LEUNG HIU MAN, ELSA	33	Solving multidisciplinary design optimization problems	LSO	Dr. Ng KM	Nil	LSO
15	LI HUIWEN	49	An investigation of how new product development tools may be applied to new service development	nil	A/Prof Tan KC	Nil	
16	LIM DEYUAN	29	Risk-Averse Selective Newsvendor Using Robust Optimization	LSO	Dr. Adam Ng	A/Prof Chew EP	LSO
17	LIM WEI WEI SHERMAINE	43	Optimal spare provision in managing a large fleet of repairable systems (updated on 15/8/07)	LSO	A/Prof Tang LC	Nil	LSO
18	LIM YUEN CHUN GERARD	35	Thermally assisted writing scheme investigation	nil	Dr. Ng SH	Nil	
19	LIM ZHIYANG DARYL	15	Dish Recycling and Washing System in Food Courts	LSO	Dr. Hung HC	Nil	
20	LIN CHENGWEI	52	Models and Analysis of Safety and Reliability of Complex Systems	nil	Prof Xie M	Nil	
21	LIN SHUTING	48	Bottom of the pyramid service innovations : A case study	nil	A/Prof Tan KC	Nil	
22	LIN YUHONG	31	Optimal Inventory Location	LSO	Dr. Ng KM	Nil	
23	LOO SHIAU CHUEN	26	Production planning with data uncertainty	LSO	Dr. Adam Ng	Nil	LSO
24	LOW WEE ZHEN	45	Control charting in semiconductor industry	QEM	A/Prof Tang LC	Nil	QEM
25	LOW YING HUI KATHLYN	S5	Decision Support for the Weapon Assignment Problem	LSO	A/Prof Poh KL	Nil	LSO
26	LUA WEI CHUNG ALVIN	56	Is R&D a priced factor in the Arbitrage Pricing Theory (APT)?	LSO	Dr. Yap CM	Nil	
27	MA YAO	S13	An Investigation of Impact Factor and Journal Impact (updated on 4/9/2007)	nil	Prof. Xie Min	Nil	
28	MEI SHIHUI	10	A Study of Best Practices in Supplier Quality Management	QEM	Prof Goh TN	Prof Xie M	
29	MOHAMMAD AAKIL CAUNHYE	14	Multi-Elevator Management and Scheduling	LSO	Dr. Hung HC	Nil	LSO
30	NEW YILIN EILEEN	S3	Decision Making and Risk Management in New Product Development	nil	A/Prof Poh KL	Nil	
31	NG JUN YONG	27	Generalized assignment under uncertainty	LSO	Dr. Adam Ng	A/Prof Huang HC	LSO
32	NG YUWEN STELLA	S11	A procedure to automate the application of TRIZ in new service development	PD	A/Prof Tan KC	Dr. Chai KH	PD
33	NGO PEI CHING	1	Customer Satisfaction and Service Quality – the case of academic conference	nil	Dr. Chai KH	Nil	
34	ONG QING ZHANG	30	Optimization-based Order Promising with Supply Uncertainty	LSO	Dr. Adam Ng	Nil	LSO
35	OU WEI MING	34	Solving quadratic discrete optimization problems	LSO	Dr. Ng KM	Dr. Hung HC	LSO
36	PAN XIAOSHU	20	Production Schedule Planning at Solutia Singapore Finishing Centre	LSO	Dr. Jaruphongs W.	Nil	LSO
37	PHUA ROUYI	17	Sheltered Walkway Redesign in NUS Campus	LSO	Dr. Hung HC	Nil	LSO
38	SHAO JIJUN	19	Evaluation of the NBA spread betting	nil	Dr. Jaruphongs W.	Dr. Ng SH	
39	SOH YANGLI	18	Inventory routing problem with dynamic demands	LSO	Dr. Jaruphongs W.	Nil	LSO
40	TAN LI SHAN	S1	Supply Chain Modelling with Uncertainty in Demand	LSO	Dr. Ng KM	Nil	LSO
41	TAN PING HONG	41	Integrated Air Cargo Information Systems	LSO	A/Prof Tang LC	Nil	LSO
42	TAN PING YONG	44	Customer-Choice Behaviour Modelling for Revenue Management Strategies	LSO	A/Prof Tang LC	Nil	
43	TAN WHYE LIN YVONNE	21	Supply chain scheduling	LSO	Dr. Jaruphongs W.	Nil	
44	TAN ZHAO CHENG	S7	Optimized Production Scheduling for Wafer Manufacturing	nil	A/Prof Huang HC	Nil	LSO
45	THERESIA SRI MENDA SEMBIRING	47	Six sigma in services : Case studies	QEM	A/Prof Tan KC	Nil	QEM
46	TIANG SI JIA	12	On-line scheduling with arbitrary release times	LSO	A/Prof Huang HC	Nil	LSO
47	TINAGA SUKHAVATI ANGKASA	57	Measuring Downside Risk for Investors of Different Risk Aversiveness	LSO	Dr. Yap CM	A/Prof Lee LH	LSO

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48	WANG JIE	16	3C Supply Chain Management and Pricing	LSO	Dr. Hung HC	Nil	
49	WEI HAILIN	S6	A Decision Analysis Approach to Risk Management in Financial Investments	nil	A/Prof Poh KL	Nil	
50	WEI ZHENG TONG	25	Warm-up analysis for steady state simulation	nil	A/Prof Lee LH	A/Prof Chew EP	
51	WONG MING GUANG	13	Project scheduling with workforce constraints	LSO	A/Prof Huang HC	Dr. Adam Ng	LSO
52	XU ZEHE	S12	Transformation of service operations at IBM	LSO	Dr. Jaruphongs W.	Nil	LSO
53	YEE ZHONG-LI KEVIN	54	Review and Study of Software Metrics for Quality Improvement	nil	Prof Xie M	Nil	
54	ZHANG RUI	11	Inventory management for a production system with downward substitution	LSO	A/Prof Huang HC	Nil	LSO
55	ZHU GE YUN	60	Deviation of intrinsic value of stock during the 1987 stock market crash	LSO	Dr. Yap CM	Nil	LSO

Correct as of 11 September 2007