

Potential Main Supervisors for Master of Science
NEC: 0540- Mathematics and Statistics not further defined



Dr Wong Voon Hee
Assistant Professor, Head of Department
Lee Kong Chian Faculty of Engineering and Science

Area of Expertise:
Statistical Data Analysis, Statistical Process Control (SPC), Statistical Quality Control (SQC)

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Area of Expertise:
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Prof. Dr Chia Gek Ling
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Area of Expertise:
Graph Theory, Combinatorial Designs

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Dr Goh Yong Kheng
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Area of Expertise:
Computational Finance, Data Analysis and Visualisation,
Machine Learning, Optimisation,
Statistical Mechanics

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Area of Expertise:
Cosmology, General Relativity, Modified Gravity Theories, Differential Geometry

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Area of Expertise:
Algebra and Combinatorics

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Area of Expertise:
Community detection in complex networks, Complex network analysis, Social network analysis

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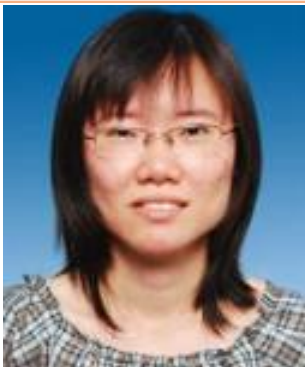


Dr Denis Wong Chee Keong
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Area of Expertise:
Algebra, Algebraic Coding Theory, Algebraic Combinatorics, Cryptography

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Regression Analysis, Statistical Computation

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Dr Kuang Kee Seng
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Area of Expertise:
Mathematical Theory of Investment, Microsoft Excel, Power BI Desktop, Tableau Desktop

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Dr Liew How Hui
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Area of Expertise:
Dynamical system, scientific computing software, C, C++, data analysis, computer typesetting

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Dr Ng Kooi Huat
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Area of Expertise:
Financial Time Series Analysis, Multivariate Data Analysis, Statistical Quality Control

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Dr Ng Wei Shean
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Area of Expertise:
Combinatorics, Linear Algebra

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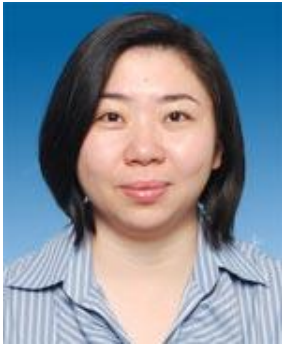


Dr Ong Poh Hwa
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Area of Expertise:
Graph Theory

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Area of Expertise:
Computational Statistics, Machine Learning, Investment Portfolio Theory,
Portfolio Optimization

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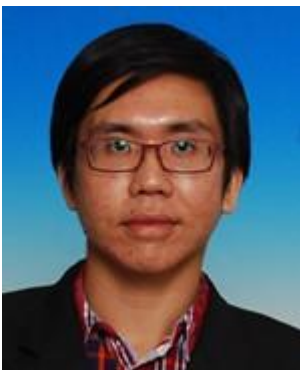


Dr Pang Sook Theng
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Area of Expertise: Mathematics Education, Portfolio Investment

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Area of Expertise:
Ring theory, Algebra

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Area of Expertise:
Optimization

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Dr Tan Wei Lun
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Area of Expertise:
Environmental Statistics, Markov Chain, Hidden Markov chain, quantitative
data analysis, statistical modelling

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Ts Dr Teoh Lay Eng
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Area of Expertise:
Operations Research (Transportation)

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Dr. Yap Hong Keat
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Area of Expertise:
Number Theory

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Dr Yap Lee Ken
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Area of Expertise:
Numerical Approximation

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Area of Expertise:
Inventory Control

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Dr Yong Chin Khian
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Area of Expertise:
Bayesian Statistics, Design of Experiments, Econometrics, Linear Mixed and Generalized Linear Mixed Models, Loss Models

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Potential Co-Supervisors for Master of Science
NEC: 0540- Mathematics and Statistics not further defined



Puan Azimah Binti Mohd
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Area of Expertise:
Applied Statistics, Statistical Quality Control, Statistics

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Area of Expertise:
Statistics, Universal Portfolios, Time Series Analysis

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Area of Expertise:
Statistical Machine Learning, Hydrology

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Area of Expertise:
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Area of Expertise:
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Statistical Quality Control, Time Series Analysis

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Area of Expertise:
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