

**Potential Main Supervisors for Doctor of Philosophy**  
NEC: 0540- Mathematics and Statistics not further defined



**Dr Wong Voon Hee**  
**Assistant Professor, Head of Department**  
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**Area of Expertise:**  
Statistical Data Analysis, Statistical Process Control (SPC), Statistical Quality Control (SQC)

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**Area of Expertise:**  
Applied Statistics, Statistical Quality Control

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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,  
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**Dr Chen Huey Voon**  
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**Area of Expertise:**  
Algebra and Combinatorics

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

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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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**Assistant Professor**  
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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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**Dr Sim Hong Seng**  
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**Area of Expertise:**  
Optimization

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

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**Potential Co-Supervisors for Doctor of Philosophy**  
NEC: 0540- Mathematics and Statistics not further defined



**Dr Avik De**  
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**Area of Expertise:**  
**Cosmology, General Relativity, Modified Gravity Theories,**  
**Differential Geometry**

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

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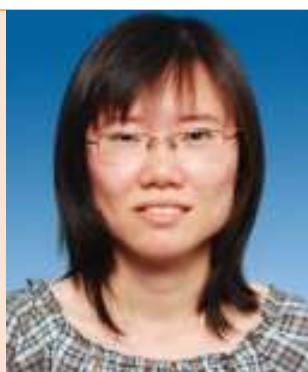


**Dr Chin Jia Hou**  
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**Area of Expertise:**  
**Community detection in complex networks, Complex network analysis,**  
**Social network analysis**

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**Dr Goh Yann Ling**  
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**Area of Expertise:**  
**Regression Analysis, Statistical Computation**

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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 Qua Kiat Tat**  
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**Area of Expertise:**  
Ring theory, Algebra

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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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**Area of Expertise:**  
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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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