

4TH GRADUATE STUDENT SYMPOSIUM
17 & 18 APRIL 2006
S16, LEVEL 5, RM 98/99

SYMPOSIUM PROGRAMME

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| 9.00am to 9.15am | Introduction by Asst Prof Yip Hon Kay, John |
| 9.15am to 9.45am | Boron Neutron Capture Therapy Miss Velina <i>(Examiners: Prof Goh SH, Dr Xu QH, A/P Vittal JJ)</i> |
| 9.45am to 10.15am | Advances in Metal-Enhanced Fluorescence Miss Tian Ning <i>(Examiners: Dr Xu QH, Dr Yip HK, Dr Wohland T)</i> |
| 10.15am to 10.45am | Synthesis of Block Copolymers using Atom Transfer Radical Polymerization Mr Lin Guangshuo <i>(Examiners: Dr Chin WS, A/P Chuah GK, Dr Weng ZQ)</i> |
| 10.45am to 11.15am | Metathesis Catalysts: A Recent Chemical Revolution Mr Govindan Subramanian <i>(Examiners: Dr Lear MJ, Dr Weng ZQ, Dr Huynh H Vinh)</i> |
| 11.15am to 11.45am | Lipase - Catalyzed Organic Reactions Mr Ganapathy Balaji <i>(Examiners: Dr Valiyaveetil S, A/P Jaenicke S, Dr Lear MJ)</i> |
| 11.45am to 12.15pm | Stereo-Controlled Polymerization: Recent Developments & Applications Mr Liu Kerh Li <i>(Examiners: Prof Goh SH, Prof Siow KS, Dr Weng ZQ)</i> |
| 12.15pm to 12.45pm | The Convergent Way of Dendrimer Synthesis Mr Li Ming <i>(Examiners: A/P Li TH, Prof Goh SH, Prof Siow KS)</i> |
| 12.45pm to 2.00pm | <i>Lunch</i> |
| 2.00pm to 2.30pm | DNA Immobilization on Solid Surface Mr Wu Jihong <i>(Examiners: Prof Xu GQ, Dr Sim WS, A/P Loh KP)</i> |
| 2.30pm to 3.00pm | Analysis of Agrochemicals using Capillary Electrophoresis Mr Che Jun <i>(Examiners: Dr Lam YL, Prof Li FY, Dr C Basheer)</i> |

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| 3.00pm to 3.30pm | The Role of Natural Products in Drug Discovery Mr Kotturi R S Kumar <i>(Examiners: Dr Lear MJ, A/P Harrison LJ, Dr Lam YL)</i> |
| 3.30pm to 4.00pm | Bombardier Beetles and their Defence Mechanism Mr Quek Ser Kiang <i>(Examiners: Dr Huynh H Vinh, A/P Harrison LJ, Dr Bettens RPA)</i> |
| 4.00pm to 4.30pm | Noodles Chemistry & Functionality of PGA (Propylene Glycol Alginate) Replacing Miss Koh Lee Wah <i>(Examiners: A/P Kasapis S, Dr Leong LP, A/P Zhou WB)</i> |
| 4.30pm to 5.00pm | Genetically Modified Soy & Methods of Detection Miss Preeti Shrinivas <i>(Examiners: A/P Kasapis S, Dr Popovich DG, Dr Huang DJ)</i> |

- END OF SYMPOSIUM -

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- 10.00am to 10.30am The Application of Molecularly Imprinted Polymers in Analytical Extraction
Miss Tay Teng Teng Elaine
(Examiners: Prof Li FY, Dr Maung Maung Saw, A/P Khor E)
- 10.30am to 11.00am Progress in Applications of PEGs in the Protein Immobilization
Miss Zhao Ai qin
(Examiners: Dr Xu QH, A/P Yao SQ, Dr K Mak)
- 11.00am to 11.30am DNA-Bases Asymmetric Catalysis
Mr Han Xiao
(Examiners: Dr Lu YX , Dr Tan CH, Dr Lear MJ)
- 11.30am to 12.00pm Application of Supported Lewis Acid in Organic Synthesis
Miss Han Xiaoyan
(Examiners: Prof Hor TS, Dr Tan CH , Dr Lu YX)
- 12.00pm to 12.30pm Recent Progress in OLED - The Promising Next Generation Display
Mr Cheng Zhongyao
(Examiners: A/P Lai YH, Dr Chin WS, Dr Fan WY)
- 12.30pm to 2.00pm *Lunch*
- 2.00pm to 2.30pm Aptamers and Its Potential Applications
Miss Tok Junie
(Examiners: Prof Li FY, A/P Li TH, Dr K Mak)
- 2.30pm to 3.00pm Enzymatic Synthesis of Carbohydrates
Miss Zhang Yan
(Examiners: Dr Tan CH, Dr Xue Feng, Dr Lu YX)

- END OF SYMPOSIUM -