

**Universiti Malaysia Kelantan
Fakulti Industri Asas Tani
Jeli Campus**



1. General

Profile:

Dr. Leony Tham Yew Seng
Pensyarah Kanan (DS51, dated 11/3/2014, Tue)
09-9477109 (ext 2109)
leonytham@umk.edu.my

Education:

PhD (14/11/2013, dari 06/07/2009) - Ijazah Doktor Falsafah (IJAZAH DOKTOR FALSAFAH (MATEMATIK)) (Universiti Kebangsaan Malaysia), Thesis title: beberapa masalah aliran olakan campuran terhadap silinder bulat mengufuk dan sfera pejal dalam nanobendalir / Several problems of mixed convection flows over horizontal circular cylinders and solid spheres in nanofluids

Master (15/07/2009, dari 24/06/2008) - Ijazah Sarjana (IJAZAH SARJANA SAINS) (Universiti Kebangsaan Malaysia), Dissertation title: Aliran lapisan sempadan hidrodinamik magnet bagi bendalir Maxwell yang diolak ke atas / Magnetohydrodynamics boundary layer flow of an upper-convected Maxwell fluid

Degree (2002, dari 2000) Ijazah Sarjana Muda (IJAZAH SARJANA MUDA SAINS) (Universiti Putra Malaysia)

Expertise:

Mathematical Sciences | Application Of Mathematics And Statistics In Other Areas | Other Areas Of Application Of Mathematics And Statistics

Research Interest:

Mathematical Sciences | Application Of Mathematics And Statistics In Other Areas | Other Areas Of Application Of Mathematics And Statistics

02. Activity and Contribution

03. Teaching

2017/2018 Semester February:

EFT1083 Basic Mathematics
FFT1252 Computer Application in Design

2018/2019 Semester September:

FFT2073 Basic Statistics
EFT1103 Basic Physics

2017/2018 Semester February:

EFT1083 Basic Mathematics
FFT1252 Computer Application in Design

2017/2018 Semester September:

FFT2073 Basic Statistics
EFT1103 Basic Physics

2016/2017 Semester February:

EFT1083 Basic Mathematics

2016/2017 Semester September:

FFT1252 Computer Application in Design
EFT1103 Basic Physics

2015/2016 Semester February:

EFT1083 Basic Mathematics
EFT1063 Algebra

2015/2016 Semester September:

FFT1252 Computer Application in Design
EFT1103 Basic Physics

2014/2015 Semester February:

EFT1083 Basic Mathematics
EFT1063 Algebra

2014/2015 Semester September:

FFT1252 Computer Application in Design
EFT1103 Basic Physics

2013/2014 Semester February:

EFT1083 Basic Mathematics
EFT1063 Algebra

2013/2014 Semester September:

FFT1252 Computer Application in Design
EFT1103 Basic Physics

2012/2013 Semester February:

EFT1083 Basic Mathematics
FFT1252 Computer Application in Design

04. Supervising

PhD (ongoing):

1. F18E014F_Huda Binti Awang

PhD (graduated):

1. ---

Master (ongoing):

1.---

Master (graduated):

1. ---

Undergraduate (graduated):

1. 33 (2018 = 4, 2017 = 5, 2016=5, 2015=10, 2014=5, 2013=4)

05. Research

Research Grants:

Development of Biocarbon based Filter Unit for Water, SGJP, 2018, RM20000

01/11/2013, 24months, RAGS, R/RAGS/A07.00/00095A/001/2013/000123, Thermal Conductivity and Fluid Flow Enhancement by Gyrotactic Microorganism in Nanofluids Buongiorno Mathematical Model Embedded in Porous Medium. Project leader: Leony Tham Yew Seng, Member: Roslinda Mohd Nazar, RM38,500.

Proceedings:

Tham, L., Nazar, R., & Pop, I. Mixed convection flow about a solid sphere with a constant surface heat flux embedded in a porous medium filled with a nanofluid. The 3rd International Conference on Mathematical Sciences (ICMS3), PWTC, Kuala Lumpur, 17-19 Disember, 2013. AIP Conference Proceedings 1557: 291-295, DOI: 10.1063/1.4823922.

Tham, L., Nazar, R., & Pop, I. Mixed convection flow on a solid sphere embedded in a porous medium filled by a nanofluid containing gyrotactic microorganism. 20th National Symposium on Mathematical Sciences (SKSM2012), Putrajaya, 18-20 Disember, 2012, AIP Conference Proceedings 1522: 604-613, DOI: 10.1063/1.4801180.

Tham, L., Nazar, R., & Pop, I. 2013. Mixed convection flow over a horizontal circular cylinder with constant heat flux embedded in a porous medium filled by a nanofluid: Buongiorno-Darcy model. International Conference On Applied Analysis and Mathematical Modelling (ICAAMM2013), Istanbul, Turkey, 2-5 June, 2013.

Tham, L., Nazar, R., & Pop, I. 2013. Mixed convection flow about a solid sphere with constant heat flux embedded in a porous medium filled by a nanofluid: Buongiorno-Darcy model. International Conference On Mathematical Sciences And Statistics 2013 (ICMSS2013), PWTC, Kuala Lumpur, 5-7 Febuari, 2013, AIP Conference Proceedings 1557, 291 (2013), dx.doi.org/10.1063/1.4823922.

Tham, L., Nazar, R., & Pop, I. 2012. Mixed convection boundary layer flow from a horizontal circular cylinder embedded in a porous medium filled by a nanofluid containing both nanoparticles and Gyrotactic microorganisms. Proceedings of the Seminar Bersama ke-7 UNRI-UKM, FMIPA Universitas Riau, Indonesia, 8-10 Oktober, 2012, hlm. 207-209.

Tham, L., Nazar, R., & Pop, I. 2012. Mixed convection flow over a horizontal circular cylinder with a constant surface heat flux in a nanofluid. Proceedings of the Advances in Computational

Heat Transfer (CHT-12), England, 1-6 Julai 2012, MN06, hlm. 1-8.

Leony Tham, Roslinda Nazar & Ioan Pop. 2012. Mixed convection flow about a solid sphere with a constant surface heat flux in a nanofluid. Proceedings of the 2nd Regional Conference on Applied and Engineering Mathematics (RCAEM-II 2012), Pulau Pinang, 30-31 Mei 2012, hlm. 294-300.

Tham, L., Nazar, R., & Pop, I. 2011. Mixed convection flow about a solid sphere embedded in a porous medium filled with a nanofluid. Proceedings of the 9th Australasian Heat and Mass Transfer Conference (9AHMTC), Australia, 2-4 November 2011, No. 028, hlm. 1-9.

Leony Tham & Roslinda Nazar. 2011. Mixed convection flow about a sphere in a porous medium saturated by a nanofluid: brinkman model. Proceedings of International Seminar on the Application of Science & Mathematics 2011 (ISASM 2011), PWTC, Kuala Lumpur, 1-3 November 2011, hlm. 289-294.

Leony Tham & Roslinda Nazar . 2011. Model brinkman bagi aliran olakan campuran terhadap silinder bulat mengufuk dalam bendalir nano. Prosiding Kolokium Siswazah ke-11, FST, 06-07 Julai 2011, hlm. 54-56.

Leony Tham, Roslinda Nazar & Ioan Pop. 2010. Numerical solutions of mixed convection boundary layer flow over a horizontal circular cylinder in a nanofluid. Proceedings of the 2nd International Conference on Mathematical Sciences 2010 (ICMS2), PWTC, Kuala Lumpur, 30 November - 3 Disember 2010, hlm. 435-442.

06. Publication

L Tham, SN Mohd-Noor, CY Wong, JW Lim, Y Uemura, MK Lam, A Ramli (2017) Optimization of self-fermented period of waste coconut endosperm destined to feed black soldier fly larvae in enhancing the lipid and protein yields, Renewable Energy, 111, 646-654

KY Leong, S See, JW Lim, MJK Bashir, CA Ng, L Tham (2017) Effect of process variables interaction on simultaneous adsorption of phenol and 4-chlorophenol: statistical modeling and optimization using RSM, Applied Water Science, 7 (4), 2009-2020

L Tham, R Nazar, I Pop (2016) Mixed convection flow over a horizontal circular cylinder with constant heat flux embedded in a porous medium filled by a nanofluid: Buongiorno–Darcy model, Heat and Mass Transfer 52 (9), 1983-1991

MS Norhafizah, S Mohd Zuki, A Rahman, M Kasim, T Leony, N Roslinda (2016), Numerical study of mixed convection boundary layer flow near the lower stagnation point of a horizontal circular cylinder in nanofluids, ARPN Journal of Engineering and Applied Sciences 11 (11), 7274-7278

L Tham, R Nazar, I Pop (2014) Mixed convection flow from a horizontal circular cylinder embedded in a porous medium filled by a nanofluid: Buongiorno–Darcy model, International Journal of Thermal Sciences 84, 21-33

L Tham, R Nazar, I Pop (2014) Mixed convection flow about a solid sphere with constant heat flux embedded in a porous medium filled by a nanofluid: Buongiorno-Darcy model, AIP

Conference Proceedings 1602 (1), 139-145

L Tham, R Nazar, I Pop (2013) Steady Mixed Convection Flow on a Horizontal Circular Cylinder Embedded in a Porous Medium Filled by a Nanofluid Containing Gyrotactic Micro-Organisms, Journal of Heat Transfer 135 (10), 102601

L Tham, R Nazar (2013) Mixed convection flow about a solid sphere with a constant surface heat flux embedded in a porous medium filled with a nanofluid, AIP Conference Proceedings 1557 (1), 291-295

L Tham, R Nazar, I Pop (2013) Mixed convection flow over a solid sphere embedded in a porous medium filled by a nanofluid containing gyrotactic microorganisms, International Journal of Heat and Mass Transfer 62, 647-660

L Tham, R Nazar, I Pop (2013) Mixed convection boundary layer flow near the lower stagnation point of an isothermal solid sphere in a nanofluid, JP Journal of Heat and Mass Transfer 7 (2), 195

L Tham, R Nazar, I Pop (2013) Numerical solutions of mixed convection flow on a solid sphere embedded in a porous medium filled by a nanofluid containing gyrotactic microorganisms, AIP Conference Proceedings 1522 (1), 604-613

L Tham, R Nazar, I Pop (2013) Numerical solutions of mixed convection boundary layer flow near the lower stagnation point of a horizontal circular cylinder in a nanofluid, Far East Journal of Mathematical Sciences 73 (1), 97-118

L Tham, R Nazar, I Pop (2013) Mixed convection boundary layer flow past a horizontal circular cylinder embedded in a porous medium saturated by a nanofluid: Brinkman model, Journal of Porous Media 16 (5)

L Tham, R Nazar (2012) Numerical solution of mixed convection flow about a sphere in a porous medium saturated by a nanofluid: Brinkman model, Journal of Science and Technology 4 (2)

L Tham, R Nazar, I Pop (2012) Mixed convection boundary layer flow from a horizontal circular cylinder in a nanofluid, International Journal of Numerical Methods for Heat & Fluid Flow 22 (5), 576-606

LTY Seng, R Nazar, I Pop (2012) Mixed convection flow at the lower stagnation point of a circular cylinder embedded in a porous medium filled by a nanofluid containing gyrotactic microorganisms, Journal of Quality Measurement and Analysis 8 (2), 45-63

L Tham, R Nazar, I Pop (2012) MIXED CONVECTION FLOW OVER A HORIZONTAL CIRCULAR CYLINDER WITH A CONSTANT SURFACE HEAT FLUX IN A NANOFUID, ICHMT DIGITAL LIBRARY ONLINE

L Tham, R Nazar (2012) Mixed convection flow about a solid sphere embedded in a porous medium filled with a nanofluid, Sains Malaysiana 41 (12), 1643-1649

L Tham, R Nazar, I Pop (2011) Mixed convection boundary-layer flow about an isothermal solid sphere in a nanofluid, Physica Scripta 84 (2), 025403

R Nazar, L Tham, I Pop, DB Ingham (2011) Mixed convection boundary layer flow from a horizontal circular cylinder embedded in a porous medium filled with a nanofluid, Transport in

porous media 86 (2), 517-536

LTY Seng, R Nazar (2010) Numerical investigation of MHD boundary layer flow of an upper-convected maxwell fluid over a rigid plate, Far East Journal of Mathematical Sciences 39 (1), 49-58

L THAM, R NAZAR, I POP (2010) NUMERICAL SOLUTIONS OF MIXED CONVECTION BOUNDARY LAYER FLOW OVER A HORIZONTAL CIRCULAR CYLINDER IN A NANOFLUID, 30 November–3 December 2010 Kuala Lumpur, Malaysia, 435

07. Professional Service

Committee

2018

Jawatankuasa Penyelarasan Maklumat & Laman Web, Penyelaras/wakil SBP/Urusetia

2017

Jawatankuasa Penyelarasan Maklumat & Laman Web, Penyelaras/wakil SBP/Urusetia

2016

Jawatankuasa Penyelarasan Maklumat & Laman Web, Penyelaras/wakil SBP/Urusetia

2015

Jawatankuasa Penyelarasan Maklumat & Laman Web, Penyelaras/wakil SBP/Urusetia

2014

Jawatankuasa Penyelarasan Maklumat & Laman Web, Penyelaras/wakil SBP/Urusetia

Jawatankuasa Peperiksaan, wakil Latihan Industri

Jawatankuasa Penerbitan Akademik, Ahli

2013

Jawatankuasa Penyelarasan Maklumat & Laman Web, ahli

Jawatankuasa SIEP, ahli

08. Personal Quality

09. Leadership