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Swinburne University of Technology Sarawak Campus, Malaysia

Graduation Ceremony Program

Borneo Convention Centre Kuching (BCCK) Wednesday 8 March 2023

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Congratulations and welcome to Swinburne Alumni!

Your Swinburne experience doesn't end with graduation. Swinburne Alumni provides valuable opportunities to learn, share and connect with our global community every day.

You'll have access to many benefits, including:

- networking professional development opportunities
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- volunteering and mentoring programs
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Swinburne AlumniSwinburne University of Technology Alumni

Swinburne University of Technology Sarawak Campus, Malaysia

Graduation Ceremony Program

Wednesday 8 March 2023 10.00am

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Information for guests



Welcome to Swinburne University of Technology. The following information is provided to help ensure the comfort, safety and enjoyment of all guests during the graduation ceremony. Please take a moment to read it prior to the ceremony.

- All guests should be seated 30 minutes prior to the ceremony starting time.
- The ceremony will run for approximately 90 minutes.
- Ushers will show you to your assigned guest seating and can provide you with information, asisstance and advice.
- Guests are asked to remain in their seats for the entire ceremony. When the academic procession enters the venue, guests and graduates are asked to stand and remain standing until after the State Anthem.
- Our graduation custom is that each graduate is applauded as their name is announced. We encourage all guests and graduates to join us in following this tradition.
- Please note that the ceremony will be photographed and recorded.
- Please ensure all mobile phones are turned off during the ceremony.

• In the event an emergency evacuation is announced, please follow instructions and exit the venue promptly under the directions provided.

Selamat datang ke Swinburne University of Technology Sarawak Campus. Maklumat berikut disediakan bertujuan bagi memastikan keselesaan, keselamatan dan kesejahteraan semua tetamu ketika majlis graduasi. Para tetamu diminta untuk membacanya sebelum majlis bermula.

Semua tetamu dinasihatkan untuk duduk ditempat yang telah disediakan 30 minit sebelum majlis bermula. Majlis ini dijangka akan berlangsung selama lebih kurang 90 minit.

- Pengiring tetamu akan mengiringi anda ke tempat duduk tetamu dan akan membantu anda dengan sebarang maklumat, bantuan dan nasihat jika diperlukan. Para tetamu adalah diminta untuk kekal berada di tempat duduk di sepanjang majlis sedang berlangsung. Sewaktu perarakan akademik dan juga pihak Majlis Tertinggi Universiti memasuki dewan, semua tetamu dan graduan diminta berdiri dan kekal berdiri sehingga selesai menyanyikan lagu kebangsaan.
- Sepertimana kebiasaan di majlis graduasi, tepukan gemuruh adalah disyorkan apabila nama setiap graduan diumumkan. Kami amat menggalakkan agar semua tetamu dan graduan dapat mengekalkan tradisi ini.
- Mohon ambil perhatian bahawa seluruh perjalanan majlis ini akan dirakam melalui video dan juga foto.
- Sila pastikan semua telefon mudah alih dimatikan atau dalam mod senyap semasa majlis berlangsung.
- Sekiranya berlaku pengumuman amaran kecemasan, sila keluar dari dewan dengan segera menurut arahan yang disediakan.

欢迎来到斯威本科技大学。以下信 息旨在 帮助各位来宾便利、安全、愉快地参加毕业典 礼。在参加典礼前,请稍花时间阅读本文。

所有来宾都应当在典礼开始前 30 分钟入 座。典礼全长约 90 分钟。 接待员会引领您入 座,并提供相关信息、协助和建议。

典礼进行期间来宾不可离座。学校 领导人进入典礼会场时,来宾和毕业生需起立,直到唱国歌结束后方可就座。

本校毕业典礼的惯例为:在宣读每一位毕业生姓 名时均鼓掌致意。请 全体来宾和毕业生按惯 例一起送上祝贺。

请注意,典礼期间会拍照并录像。

典礼期间请务必关闭手机。

若宴布紧急疏散,请遵照指示行 动,按要求及时撤离会场。

ස්වීන්බර්න් තාඤණ විශ්වවිදනලය ඔබව සාදරයෙන් විළිගනී. පහත සඳහන් කර ඇති තොරතුරු, උපාධි පුදාංනාත්සවරයිදී සියළුම අමුත්තන්ගේ පහසුව, ආරකෝව සහ ආස්වාදය සහතික කිරීමට උපකාරවේ. එමනිසා, උත්සවයට පෙර මෙය කියවීම සඳහා කාලය වෙන් කර ගන්න.

සියළුම අමුත්තන් උත්සවය ඇරඹීමට මිනිත්තු 15කට පෙර අසුන්ගත යුතුය. උත්සවය අවසන් වීමට මිනිත්තු 90ක පමණ කාලයක් ගතවේ.

ආසන පෙන්වන අය විසින් ඔබට අමුත්තන් අසුන් ගන්නා පුදේශය පෙන්වන අතර අවශන තොරතුරු උපකාර සහ උපදෙස් ඔබ හට ලබාදෙනු ඇත.

උත්සවය පවත්වන මුළු කාලය පුරාම සිය අසුන්වල රැඳී සිටින ලෙස අමුත්තන්ගෙන් ඉල්ලා සිටිමු, අධනාපනික කාර්ෂය මණ්ඩලය ශාලාව වෙත පැමිණෙන අවස්ථාවේ සිට ජාතික ගිය ගායනා කර අවසන් වන තෙක්, අමුත්තන් සහ උපාධිධාරීන් හට සිටගෙන සිටින ලෙස ඉල්ලා සිටිමු.

අපගේ උපාධි ලබාදීගම් චාරිතුය වන්නේ එක් එක් උපාධිාරියාගේ නම කථා කරන විට ඔල්වරසන් දීමවේ, සියළුම අමුත්තන් සහ උපාධිධාරීන්ව මෙම සම්පුදාය අනුව කටයුතු කරන ලෙසට අපි උනන්දු, කරමු,

උත්සවය ඡායාරූපගත කිරීම සහ වීඩියෝ පටිගත කිරීම කරන බව කරුණාවෙන් සටහන් කර ගන්න.

උපාධි පුධානෝත්සව අවස්ථාවේදී සියළුම ජංගම දූරකථන නිවා තිබෙන බවට වගබලා ගන්න.

හදිසියේ ශාලාවෙන් ඉවත් කිරීමක් නිවේදනය කල අවස්ථාවක, කරුණාකර උපදෙස් අනුව කටයුතු කරමින ලබාදී ඇති මාර්ගෝපදේශ අනුව හැකි විගස ස්ථානයෙන් පිටත්ව යන්න.

2 Swinburne University of Technology Sarawak Campus | Graduation Ceremony Program





Message from the Pro Chancellor and Premier of Sarawak

Heartiest congratulations to you on your graduation.

As graduates of Swinburne, I am confident that you have obtained an enriching university experience that has shaped your views and built your character. I am also certain that you are well-imbued with the attributes of Swinburne's 2025 Vision that will enable you to be job taker or a job creator in a future world of work defined by technology, innovation and entrepreneurship. The Swinburne Values embedded into your university experience would have also equipped you with the skills and qualities needed to create a positive impact in the communities where you live or work.

In addition to being well-versed in the values of "Research with Impact" to transform industries, shape lives and communities, you have also been primed for "Innovative Enterprises" where agility, resilience and responsiveness will give you an edge in the constantly changing and increasingly challenging business and work environment.

Following your graduation, you are now ready to join the workforce or to be an entrepreneur. Whatever your career path, it is now both an exciting and challenging time, especially for Sarawakians given Sarawak's goal to achieve developed status by 2030, with the Post Covid-19 Development Strategy (PCDS 2030) where Sarawak will be a thriving society by 2030 with its people enjoying economic prosperity, social inclusivity and sustainable environment driven by data and innovation. This demands new skills and a shift in our thought process to drive innovation and growth in creative, responsible and sustainable ways. I believe a tertiary education must not only amount to merely obtaining a degree. It must also enable you to think critically, be creative and innovative, and allow you to maneuver through challenges and change confidently. In pursuing your career, it is required of you to always uphold your personal and professional integrity, and take responsibility for your actions. Equally important, do always take it upon yourself to give back to the community by employing the knowledge and know-how you have obtained to make life more meaningful for yourself and others.

Today, your graduation is also a celebration for your loved ones who have stood by and encouraged you throughout your university education. Let us also take this opportunity to thank them, as your success is also their success.

"Selamat Berjaya" as I wish you success in your career and your future undertakings. I am certain that you have made lifelong friendships during your study and do always stay in touch with your alma mater to give feedbacks. I sincerely hope that you will have fond memories of your time in Sarawak and we always welcome you back again to the Land of the Hornbills.

Thank you.

The Right Honourable Datuk Patinggi Tan Sri (Dr) Abang Haji Abdul Rahman Zohari Bin Tun Datuk Abang Haji Openg Pro Chancellor and Premier of Sarawak

Message from the Vice-Chancellor

On behalf of the staff at Swinburne University of Technology, I would like to congratulate all our graduating students on your achievements.

You are the next generation of leaders, visionaries, challengers and entrepreneurs who will shape the future in a variety of professions – some of which likely do not even exist at this point in time.

Swinburne has worked closely with industry and future employers – ensuring your degree is relevant, future-proof and equips you with the essential and practical skills you need to kick-start your career.

Whatever your calling, your Swinburne experience will help open many doors. You graduate today not just with deep knowledge of your disciplines, but with distinct attributes that will set you apart in your fields.

As you leave Swinburne to take your own flight, we want you to feel like you can always come home to Swinburne at any point. We will always be here for you.

I look forward to your ongoing engagement with us and wish you the very best for your future.

I ask you as graduates of Swinburne University of Technology to strive to:

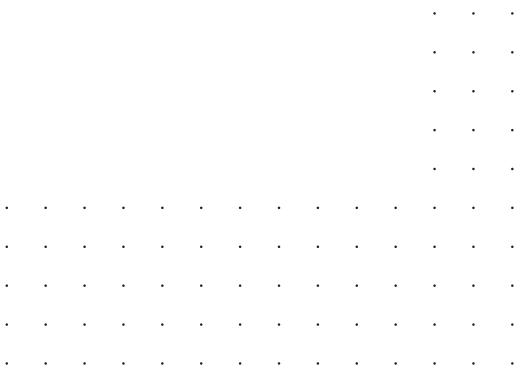
- Practise Swinburne's values of integrity, accountability, teamwork, innovation, sustainability and respect for diversity;
- Seek positive and creative ways to engage with and serve your communities;
- Remain curious and open to new learning and new experiences; and
- Use your knowledge, talents, skills and passion to encourage a better future for the global community.

Congratulations!

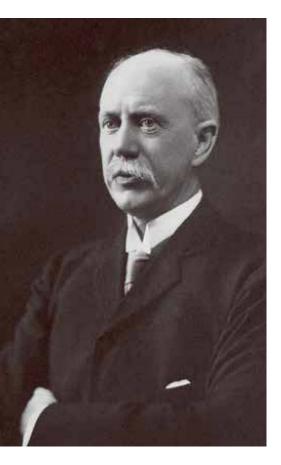
Professor Pascale G. Quester Vice-Chancellor and President

Swinburne University of Technology





History of the university



The Swinburnes lived for many generations in Northumberland, in the north of England. In early times, the family owned a castle on the banks of the Swin Burn, the brook of the boars. By 1245 the Swinburne coat of arms was 'Gules: three boars heads argent'.

George Swinburne arrived in Melbourne in 1886, aged twenty-five. His early days in Melbourne were spent setting up gas plants and bringing gas-light to the cities and towns. As his business stature increased, he entered State Parliament and became a minister.

Swinburne was established as the Eastern Suburbs Technical College by George Swinburne and the first students were enrolled in 1909, when classes began in carpentry, plumbing and blacksmithing. In 1913 the institution changed its name to Swinburne Technical College, to commemorate the Honourable George Swinburne. Soon afterwards, a boys' junior technical school and the first girls' technical school were established.

Following an extensive reorganisation of advanced education in Victoria in the late 1970s, Swinburne was given the power to grant bachelor degrees. The first of these was awarded at a conferring ceremony held on 21 May 1981 at the Camberwell Civic Centre.

In 1992, Swinburne achieved university status with the passage by the Parliament of Victoria of the Swinburne University of Technology Act. This marked not only Swinburne's distinguished history as a provider of further education, but the beginning of a new period of growth and innovation for Swinburne. In recent years, Swinburne has progressed to become one of the world's leading research-intensive teaching universities and a leader in online education, expanding the educational opportunities available to a new generation of learners.

Swinburne's emphasis is on high-quality, engaged teaching and research in science, technology and innovation – teaching and research that makes a difference in the lives of individuals and contributes to national economic and social objectives.

Swinburne holds a unique place among educational institutions in Australia in the link that persists between it and the founder and his family. The conferring of a modification of the family's coat of arms preserves and strengthens that link.

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Establishment and History of the Sarawak Campus

Swinburne University of Technology Sarawak Campus is the result of a successful combination of goals:

Malaysia's goal of becoming an educational centre of excellence, Sarawak's goal of increasing its technical workforce and Swinburne University of Technology Australia's goal of globalising its operations to provide its students with additional international opportunities while providing quality Australian degrees at affordable costs for students from across Asia.

The Sarawak Campus was established in Kuching, the capital city of the Malaysian state of Sarawak, in 2000. Originally known as Swinburne Sarawak Institute of Technology, it was awarded university status as a foreign branch campus university by the Malaysian Government in 2004 and became Swinburne University of Technology Sarawak Campus. The University therefore has dual nationality, being both a branch of the Australian university as well as a Malaysian university. Degrees awarded are Australian and testamurs are indistinguishable from those awarded in Australia. The University is jointly owned by Swinburne University of Technology Australia and the Sarawak Government through Yayasan Sarawak (Sarawak Foundation) and Sarawak Higher Education Foundation.

Swinburne Sarawak wasfounded as part of the Government of Sarawak's strategy to deliver skilled human capital to the engineering and technical fields for the industrialisation needs of the state. The Australian partner in this venture, Swinburne University of Technology is well-known in Australia for its business and technical education and for close links with industry. The University wants to make the same high standard of education available to young people abroad.

Undergraduate degrees offered at Swinburne Sarawak include courses in the areas of Business, Computing, Design, Science and Engineering including double degrees. The University also offers postgraduate by coursework and research programs at PhD and Masters levels in these disciplines the School while of Foundation Studies offers а wide range of language preparatory and English enhancement programs.

The 16.5-acre city campus is only about 15 minutes from the city centre and less than two hours flight from Kuala Lumpur, lesser if you're flying from Singapore. Home to 4,600 students and more than 300 staff, Swinburne is also home to students from more than 45 countries.

After eight years in operations, the Sarawak Campus saw its first expansion where eight new custom designed buildings were added to the campus. This increased the total number of buildings to 12, thus greatly improving teaching and learning facilities, research capabilities and ensures the comfort of our students with an upgraded student accommodation.

In 2020, the university embarked on a campus redevelopment project to fulfil its commitment to enhancing the campus experience for students. Up to RM50 million were invested into enhancing our research, teaching and learning laboratories, student accommodation and cafeteria among others. These upgrades provide students with quality Australian education at affordable fees, preparing graduates for the future of work with flexible and innovative teaching and learning culture.



Ceremony traditions

The mace and the chairs

In universities a mace is used as a symbol of institutional authority and it is carried in procession before the Chancellor, and here in Kuching, the Pro Chancellor, as a symbolic weapon of protection and power.

Along with academic dress and graduation ceremonies, the mace is part of the ancient ceremonial that marks the authority of the University and its chief office bearers, the importance of learning and knowledge, and which welcomes the graduate into a special and selected group of learned men and women. The ceremony marks the formal entrance of the graduate, who as a student, is considered 'in training', into the academic family of the university. The Mace accompanies the Chancellor, the Pro Chancellor and the academic procession into the hall and remains on view, mounted on a stand, during the ceremony. At the end of the ceremony it is carried out in the procession.

The Swinburne Sarawak Mace Suite is a sister suite to that used by Swinburne Melbourne. The Melbourne suite is fabricated in Queensland Silk Oak, a beautiful Australian timber. The Sarawak suite is fabricated in Belian, a beautiful and revered Sarawakian timber. In fact, part of the timber in the mace comes from the family house of YBhg Datu (Dr) Haji Abdul Rashid Bin Mohd Azis, a foundation member of the University, creating a living link between Sarawak's rich historical past and the future promise of education and development.

A finial, a type of crown crafted in solid silver and gold is mounted at the top of the mace. The Australian crown contains a miniature carving of the University crest. The carving inside the Sarawakian crown has incorporated the hornbill, the State emblem, centered in a wreath of Eucalyptus and Belian leaves, to symbolise the blending of two cultures and two histories. In both cases the carving incorporates a book with a heraldic cinquefoil, from the French 'cinque feuilles' meaning 'five leaves', which dates from the family crest of George Swinburne, the University's founder. The book is a symbol of knowledge and learning incorporated into the Swinburne crest by the Royal College of Heralds, London. The tail of the mace is finished in solid silver

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The two ceremonial chairs are for the Chancellor and the Pro Chancellor. The University motto: 'Factum per Literas' which refers to achievement through learning, is part of a ribbon carved into the back of the chairs. Small silver stars of the Southern Cross constellation, also contained in heraldic form in the University crest, are mounted into the backs of the chairs. The chairs sit to the front of the dais in the traditional attitude of enthronement.

Distinguished artisans and craftspeople involved in the project with the designer were:

- Hendrik Forster, silversmith, who crafted the silver and gold crown and the silver mace stand brackets,
- Iann Higgs, cabinetmaker, who created the timber components of the mace, mace stand and chairs,
- Marion Marshall, silversmith, who crafted the stock tail and the stars of the Southern Cross,
- Sue Wraight, netsuke carver, who created the hornbill miniature carving.

Professor Roger Simpson and Ms Monique Jedwab contributed to project management and detailing.

The ceremonial items of the office of the Chancellor and Pro Chancellor of Swinburne Sarawak were designed by Emeritus Professor Helmut Lueckenhausen, the former Pro Vice- Chancellor and Chief Executive Officer Swinburne Sarawak.

Ian Higgs made the timber components at the training workshop of the Sarawak Timber Industry Development Corporation at Kota Samarahan, supported by members of STIDC and particularly through the kind offices of YBhg Datu Haji Len Talif Bin Salleh, the former General Manager.

Ceremonial regalia

Chancellor

A black gown of English Queen's Counsel style, with ten gold bands on the sleeves and scarlet satin trimmings on the front, collar and bottom edge of the gown. A black velvet trencher with gold trim on the base and a gold braid and tassel is worn.

Deputy Chancellor

A black gown, similar in style and colour to the Chancellor's, with five gold bands on the sleeves. A black velvet trencher with a gold cord and tassel is worn.

Vice-Chancellor

A black gown of English Queen's Counsel style, with ten silver bands on the sleeves and scarlet satin trimmings on the front, collar and bottom edge of the gown. A black velvet trencher with silver trim on the base and a silver cord and tassel is worn.

Deputy Vice-Chancellors

Based on the design of the Vice-Chancellor's regalia, a Deputy Vice-Chancellor's regalia is of similar style and colour, but with five silver bands on the sleeve. The mortar board of a Deputy Vice-Chancellor has no braid on the bottom.

Members of Council

Council members wear a university stole featuring the Swinburne Coat of Arms with the academic dress for their qualifications. The stole is cherry red with an embroidered crest at the base of each side of the stole, and is worn with the colour and crest showing on both sides.

Academic and administration staff

Academic dress for their qualifications, or the Swinburne equivalent.

University Council Swinburne Melbourne

Chancellor

Professor John Pollaers OAM, BElecEng (First Class Honours)(UNSW), BSc(UNSW), MBA(Macquarie & INSEAD)

Deputy Chancellor

Mr Anthony Mackay AM, BEc, BEd(Mon), MA(EcEd)(Lon), FACE, FACEL, FIPAAV, FRSA

Vice-Chancellor and President

Professor Pascale G. Quester DESCAF, M.A. (OSU), Ph.D (Massey U.), N.O.M. (Knight), GAICD

Chair of the Academic Senate

Professor Sarah Maddison, BSc (Hons) (Monash), PhD (Monash), FASA

Councillor

Mr William Lye OAM QC BSc(Comp), LLB, LLM (Mon), MEI(Swin)

Councillor

Dr Leonie Walsh, BAppSc(Bioc) GradDipAppColloidSc MSC (AppColloidSc) HonDUniv (SUT), MBA(Exec) (AGSM), FTSE, GAICD

Councillor

Mr Richard Simpson, BE Mech (Hons) (Melb), AMP (Oxford)

Councillor

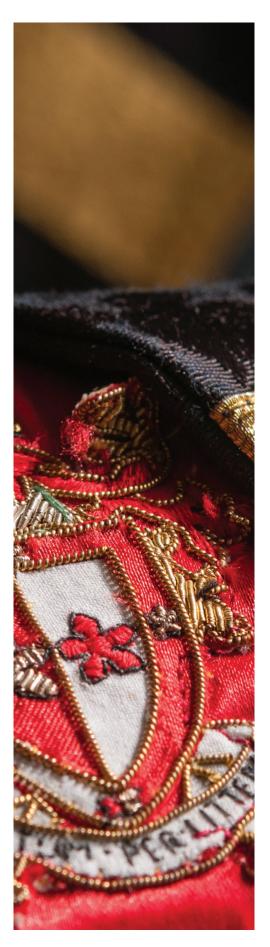
Mr John Chambers, BEC (MU), GAICD

Councillor

Ms Bronwyn Smith, B Psych (Hons 1), Grad Dip Ed.

Councillor Ms Tess Robb

Members of the University Council and the Board of Directors Swinburne Sarawak



The Right Honourable Datuk Patinggi Tan Sri (Dr) Abang Haji Abdul Rahman Zohari Bin Tun Datuk Abang Haji Openg MBusMgmt(Brunel), Honorary Doctorate in Business and Management(UCTS), Honorary Doctorate in Economic Development(UNIMAS), DUniv(honoris causa) (SUT), D.P., P.M.N., D.A., P.N.B.S., J.B.S.

Datuk Amar Jaul Samion MBA (Corporate) (Ohio University), BEcon (UM), Senior Executive Fellows, Kennedy School of Government (Harvard University), Senior Management Development Program (Harvard University)

YBhg. Datu (Dr) Haji Abdul Rashid Bin Mohd Azis DipMgmtSc(Intan), MBA(Brunel), DUniv(honoris causa)(SUT)

Professor Pascale G. Quester DESCAF, M.A. (OSU), Ph.D (Massey U.), N.O.M. (Knight), GAICD

YB Dato Sri Haji Fadillah Bin Haji Yusof LLB(Hons)(UM), A.B.S., P.G.B.K.

YBhg. Tan Sri Datuk Amar (Dr) Haji Abdul Aziz Bin Dato Haji Husain BEcon(UM), MBA(Syracuse), DUniv(honoris causa) (SUT)

Adjunct Associate Professor Datin Sri Enn Ong BEc, GradDipBusSys, MBusSys(Monash)

YBhg Datuk (Dr) Philip Ting Ding Ing AM(Aus), BBus(SUT), DUniv(honoris causa) (SUT), CA(Aus), CA(M), CPA(M) YBhg Datuk Wan Ali Tuanku Yubi DipEd(UM), DipCom, BEcon(UM), MEd(Birmingham)

Professor Chris Pilgrim, BScEd(MCAE), GDipAppSci(CompSci), MAppSci(InfTech), PhD(SUT), GAICD, FACS

Dr Douglas J Proctor, BA (Hons) (York), M. ès L. (Reims Champagne-Ardenne), DEA (Nouvelle-Calédonie), MPubPolicy&Gov (Deakin), PhD (Melbourne)

Professor John Wilson, BE(Hons)(Monash), MSc(California), PhD(Melb) Ir. Professor Lau Hieng Ho BEng(Hons)(Civil), PhD, MIEM, P.Eng, MIEAust, CPEng, NER

YBhg. Datu Jumastapha Bin Lamat BAcc, MBA(Gen)

YBhg. Datin Aisah Eden BA Laws (Hons) Anglia Ruskin University, Barrister-at-Law Lincoln's Inn, UK, MBA University of Exeter

Dr. Norisah Binti Suhaili

Tuan Haji Mersal Bin Abang Rosli DipAcc(UiTM), BAcc(Hons)(UiTM), MScMgt(Accounting & Planning)(UUM), C.A(M), CFP

En. Louis Simon Peter Dip. Pend (UKM), Bac. Fd Sc & Tech (UPM), Master Principalship (UM)

En. Mohamad Adzlie bin Ibrahim MBA (UMK)

Elected by Academic Staff Professor Ida Fatimawati bt Adi Badiozaman PhD (Education-TESOL) (Massey University, NZ), MA (TESOL) (Vic. Uni., NZ), B.Ed. (TESL) (University of Malaya)

Elected by General Staff Ms. Melissa Ramanair HDip (BusIT)

Elected by Students Mr. Ryan James Isaac Lee Bala

Ms. Caroline Hon BBus(RMIT) MBA(I)(SUT) CPA MIA

Ir. Professor Sim Kwan Yong BEng (Hons)(UKM), MCompSc(UM), PhD

Academic regalia

The academic dress worn at Swinburne today is a modification of everyday dress worn by scholars and teachers in the Middle Ages and the Renaissance. It consists of a gown and a scarf-like stole or hood, which is a remnant of the cowl that was once worn to cover the head and shoulders to keep off the rain and snow. Trencher caps or bonnets are worn as indicated below, with the tassel down over the left eye and in a vertical position.

The style of academic dress adopted by Swinburne University of Technology is based on that of the University of Oxford.

Honorary doctorate

A cardinal red gown with silver grey front and sleeve facings. The hood is cardinal red, fully lined in silver grey and is worn with grey showing on both shoulders. A tudor bonnet with a silver cord and tassel is worn.

Honorary master degree

A cardinal red gown with silver-grey front facings. The hood is cardinal red, fully lined in silver grey and is worn with silver grey showing on both shoulders. A black trencher with a silver cord and tassel is worn.

Doctor of philosophy

A black gown faced with chilli red and silver grey. The hood is chilli red, fully lined in silver grey and is worn with silver grey showing on both shoulders. A tudor bonnet with a scarlet cord and tassel is worn.

Professional doctorate

A black gown faced with chilli red and the discipline colour. The hood is chilli red, fully lined in the discipline colour, and is worn with the discipline colour showing on both shoulders. A tudor bonnet with a scarlet cord and tassel is worn.

Double masters degree

A black master gown, hood and trencher. The hood is black, and fully lined with the colours of both disciplines. It is worn with the colours showing on both shoulders.

Masters degree

A black master gown, hood and trencher. The hood is black, fully lined with the discipline colour, and is worn with the colour showing on both shoulders.

Graduate diploma

A black gown, stole and trencher. The stole is black, lined with the discipline colour, and is worn with the colour showing on both sides.

Graduate certificate

A black gown, stole and trencher. The stole is black, lined with the discipline colour, and is worn with the colour showing on the left-hand side.

Bachelor honours degree

A black gown, hood and trencher. The hood is black, half lined with the discipline colour and laced with a silver braid, and is worn with the colour showing on the left-hand side.

Double bachelor degree

A black gown, hood and trencher. The hood is black, half lined with the colours of both disciplines, and is worn with the colours showing on the left-hand side.

Bachelor degree

A black gown, hood and trencher. The hood is black, half lined with the discipline colour, and is worn with the colour showing on the left-hand side.

Academic regalia discipline colours

Agriculture and Horticulture	Brunswick Green
Applied Science	Brick Red
Arts Social Science	Cranberry
Business	Buff
Business Administration	Buff/Malachite Green
Circus Arts	New Sapphire
Design	Marina Green
Education	Cream
Engineering	Saxe Blue
Entrepreneurship and Innovation	Sky Blue
Health Professions	Teal
Health Science	Cerise
Information Technology	Tangerine
Laws	Royal Purple
Multimedia	Citrus
Research	Silver Grey
Sustainability	Heliotrope
Technology	Royal Blue
Doctor of Philosophy	Chilli Red/Silver Grey

Associate degree

A black gown, stole and trencher. The stole is black, lined with the discipline colour, and is worn with the colour showing on the right-hand side.

Advanced diploma, associate diploma and diploma

A black gown and stole. The stole is black, lined with the discipline colour, the right-hand edge being trimmed with white cloth, and is worn with the colour and white trim showing on the right-hand side.

Advanced certificate, certificate IV, certificate III and apprenticeship

A black gown is worn.

Indigenous stole

A stole in the colours of the Aboriginal Australian flag can be worn by indigenous graduates and staff at graduation ceremonies. The stole is worn under any academic colours, or where there are no academic colours (i.e. certificate and apprenticeship recipients) the stole is worn under the gown.

Wednesday 8 March 2023, 10.00am

Participating officers

Chancellor

Professor John Pollaers (OAM) BElecEng(First Class Honours)(UNSW), BSc (UNSW), MBA (Macquarie & INSEAD)

Vice-Chancellor and President

Professor Pascale G. Quester DESCAF, M.A. (OSU), PhD (Massey U.), N.O.M. (Knight), GAICD

Deputy Vice-Chancellor, External Engagement,

Swinburne University of Technology Professor Simon Ridings PhD (University of Queensland)

Pro Vice-Chancellor and Chief Executive Officer

Swinburne University of Technology Sarawak Campus Ir. Professor Lau Hieng Ho BEng (Hons)(Civil), PhD, MIEM, P.Eng, MIEAust, CPEng, NER

Executive Dean (Academic)

Swinburne University of Technology Sarawak Campus Ir. Professor Sim Kwan Yong BEng(Hons)(UKM), MCompSc(UM), PhD(SUT), P.Eng, CEng, MIET, MIEEE, CFTL

Dean, Faculty of Business, Design and Arts

Professor Brian Wong Kee Mun PhD (UM), MBA (UM), BBA (UKM)

Dean, Faculty of Engineering, Computing and Science

Ir. Professor Su Hieng Tiong PhD (Birmingham), BEng (Hons)(Liverpool)

Executive Dean (Research), School of Research

Professor Ida Fatimawati bt Adi Badiozaman PhD (Education-TESOL) (Massey University, NZ), MA (TESOL) (Vic.Uni.,NZ), B.Ed. (TESL) (University of Malaya)

Master of Ceremonies

Ms. Norizan Tan MA (TESOL) (SUT), PGrad Dip (TESOL) (RELC), BEd (Hons)(TESL)(UiTM)

Mace Bearer

Dr. Marc Arul Weissmann PhD (SUT), B.Bus (International Business) (SUTS)

Doa Reciter

Dr. Muhammad Rafiq Mirza bin Julaihi BEng (Hons) (IIUM), MEng PhD (Hokkaido University, Japan) Grad. BEM, Grad. EAust, MJSAP

Music

Music provided by the Royal Malaysia Police bagpipers.

Order of proceedings

The Academic and Official Party Procession

The academic and official party will enter the Great Hall at 10.00am.

Music Processional

The audience is requested to stand as the procession enters the Great Hall.

The National Anthems

The audience will sing the Malaysian National Anthem (Negaraku), Australian National Anthem (Advance Australia Fair) and Sarawak State Anthem (Ibu Pertiwiku). The words are printed inside the back cover.

The audience will sit when the Presiding Officer is seated.

Doa Recital

The Opening

Chancellor, Professor John Pollaers (OAM), will open the proceedings.

The Presentations of Awards

Chancellor, Professor John Pollaers (OAM) and Vice-Chancellor and President, Professor Pascale Quester will present the awards.

The Student Response

Ms Vania LIM will deliver the student response.

The Charge to Graduates

The Vice-Chancellor and President, Professor Pascale Quester, will deliver the charge to the graduates.

The Closure

Master of Ceremonies, Ms. Norizan Tan, will close the proceedings.

The audience is requested to remain standing as the procession, joined by the new graduates, leaves the Great Hall. The audience will leave the Great Hall via the exit doors.

Music Recessional.

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to attend in person (names in <i>Italics</i>					labic		•	•	•	•	•
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Award recipients											
Faculty of Business, Design and A	ts						•	•	•	•	•
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Aaron Yong Jie TIONG	Tiffany Shi Hui W			elor of Busi	iness (int	ernation	ai				
Audrey Che Ging WONG	Tiffany Siew Fang			ness)							
Emily Hong Ning TANG	Tiffany Sze Ling L			he Won Yi WC		A I I IZI I A NI					
Hazel Angeline ARTHUR SATHIYA	Valerie Grace Jia		Cecilia	ah Aina BINTI	HASBULL		•	•	•	•	•
Jaslyn Chee Chee WONG	Vania LIM			a . Tie Wei Yu CH/							
Kayla ZAHRA	Vishal Venkatesh k	AMINENI		ia Tan BINTI M		ΕΝΙ ΤΔΝΙ					
Khung Shuen WONG	Wei LIM			ne Phing Phin		-14 1/114	•	•	•	•	•
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Ming Ming YU	Yee Wen CHUA			Xiang Yun Kll	U						
Ranon Li Yang KHO	Yi Zhang TEN			line Gwynette			•	•	•	•	•
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Bachelor of Business				Yi TSEN							
Amlia Lee ANAK GEOFFERY	Bachelor of Bu	siness	0				•	•	•	•	•
AIIIIIA LEE ANAK GLOFFLKT	(Accounting)										
	Angelina Yen Bing		Bach	elor of Busi	iness		•	•	•	•	
Bachelor of Business (Accounting	, Ester Ju Ngiik LEE		(Man	agement)							
and Finance)	EVEIDA AINAK STE	WART	Aisya	Qasrina BINT	I MOHAM	MED					
Andrea Yi Hui SOH	Ivy Lin LEE		ROSL	AN			•	•	•	•	•
Angel Jia Phing LIM	Jasmine Yu Han W			ah BINTI ABID							
Artika Saleha BINTI HIPNI	Nateisna Karina E Nur Al'Leena BIN	BINTI ZAIDI YUSRA	Dating	syia Hannani (Chee BINT	I BIDIN					
Ashan Kawishka De Mel VIDANELAGE	Renee WONG	II HILWANE	CHEE				•	•	•	•	•
Beatrice Hong Xing TAN	Samantha Hui We			g Li CHANG		DANIC					
Bibiana Yee BONG	Sze Ying CHANG			ng Nur Zinnira	an Binti A	BANG					
Brenda Chendu ANAK JAMES CHIRCH	IL Teck Chen HO		ZOLF		N /		•	•	•	•	•
Brian Jeremiah Jin Xiang CHAN	Wendy Grace LIS	SEM		t Hanxin LIEV ie Yu Ni KHO	V						
Caryn Yee Wen Hll	Xin Min LEE	52111	5	al Wei TIONG							
Celene Hui Min KHOO	Yi Sing TING			e Chin Kai CHE	FN					-	-
Christin Jia Jia CHAN	0			Bang Wei LE							
Christine Zi Yu KUEH				Ushmitha GO.		E	•	•	•	•	•
Daniel Wei En SEO				nen TOH	_,,_,,,,,,,,,,	-					
En Qiao LIAU Eric Chup Wei WEE	Bachelor of Bu	siness (Finance)									
Eric Chun Wei WEE	Andrew AWANG	- *		ie Kristin Sueg	gan ANAK	KEN	•	•	•	•	•
Florence Ke Ting LAU Gloria Hui Ying SIM	Chantal Xin LIM			TJHANG							
Helen Lee Rong LAU	Fang Yu YIT										
Hilary Zheng Xuan LIM	Joel En Tong WOI	NG					•	•	•	•	•
Hua Hui KUEK	John Jit Yew LIM		Bach	elor of Busi	iness						
Huat Yong HUANG	Nashman BIN NA		(Man	agement ar	nd Digita	l Media)		-	-		-
Hui Qing OON	Roger Leh Ang WC	NG	Allen	Jing Quan KO) –		•	•	•	•	•
Ivan Chen Ling LIEW	Yun Fung VUN			a Kiun Vun BC	DNG						
Janice Ci Xia ANG			Angel				•	•	•	•	•
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Jasmine Hui Jie YEE	Bachelor of Bu	-		ifaa Iylia BINTi							
Jasmine Phui Yee YONG	Resource Mana			aney Yun Xiar			•	•	•	•	•
Jia Lin LU	Elizabeth Ashleig			Sheng Siang							
lim LING	Imelda ANAK NEL	LEUN		sa Mei Li LIM							
Joshua SITAIM	Jennifer GRACIA		•	nie Yie Thing			•	•	•	•	•
Joyce Siew Ning CHUO	Jie Ying CHING			iel Zhi Sheng I	LAU						
Kar Yie KONG	Pamela Farida AL Rahma SILA A MO			e CHAN							
Kong Wei TIONG	Sandra Inja ANAk			1eng TAN			•	•	•	•	•
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This program contains the names of all graduates entitled to awards. For graduates who are unable to attend in person (names in *Italics*), the awards will be made in absentia.

Award recipients

Faculty of Engineering, Computing and Science

Bachelor of Engineering (Civil) (Honours) with credit Denis Yung Ik LEE

Bachelor of Engineering (Honours) (Civil)

with credit Abdul Hakim BIN ABDUL KARIM Chin King KHO Daniel Yan Cong KONG Hui Ping LIM Intan Athirah BINTI SUFFIAN Isaac Edmund FONSEKA Ivy Jie LIM Kevin Guan Wei LAI Marvin Zhan Jie LING Megannath A/L C JEGANATHAN Mohammed Najib Ahmed BAGHOTH Palingu Amasindu RATNASINGHE Sharifah Nurain Madihah BINTI WAN AKIL Zhong Loong WONG

with distinction Alexander John Tze Wui TAI Brandon Xin Shen BONG Nur Baizura BINTI TALIF @ LEN

with high distinction Bryan Rong Jie TAY Claudia Cordelia Xuan Yi TEO Danny Chek Hieng NG Eric Jing Peng HII Louis Jun Seng LAU Lydia Zi Xuan CHIAM Nicholas Lee Tien LAU Pei Gee KUEH Terence Yuan Xiang TAY Tze Ying SIM

Bachelor of Engineering (Electrical and Electronic) (Honours)

with distinction Janice Mei Yee LIM

with high distinction Albe Bing Zhe CHAI

Bachelor of Engineering (Honours) (Electrical and Electronic)

Saud Ghabish Bakhit Rabia AL ALAWI

with distinction Kiat Lung CHANG Lee Chung LAU Paul Cornelius BONG Soon King NG

with high distinction Alex Yien Siang KHO Brian Dean SOON Covington Tze Hao KUA Jia Wei LIM Millenium WONG

Bachelor of Engineering (Mechanical) (Honours)

Kishock Neatha VISVALINGAM with credit Maria Barin TEMPLER

Bachelor of Engineering (Honours) (Mechanical) Alvin Yi Min SZE

with credit Azan ALI Ezmir Sadriq BIN SUHARDI Graham Bryan ANAK DESER Gwenn Missy ANAK FRANKIE DERIA Julian BIN NICHOLAS FRANCIS Muhammad Abuzar SIDDIQUI Theodore Rong Sung LEE

with distinction Abdul Samad . Amanda Qian Ying CHUA Chun Hui LO Dennis Kim Hong CHEW Jon Bonnar ANAK JORES Kai Lun CHIN Li Min TEE Marcus Yi Hung LAW Pei Yun LAI

with high distinction Adryan Seng Theng ANG Desmond Zhi Jun LIEW Ethan Ju Yan YEO Guang Rong CHIENG Jaclyn Yen Tching LO Javier Chen WONG John Chee Hoe NGU Sze Chi BONG Yong Qing KUEK

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Bachelor of Engineering (Honours) (Mechanical) / Bachelor of Business	•	•	•	•
with credit Jordan Priyan SOMASUNDRAM Mohamed Umaid MOHAMED SAMEEM	•	•	•	•
	•	•	•	•
Bachelor of Engineering (Robotics and Mechatronics) (Honours) with credit	•	•	•	•
Ning LIEW	•	•	٠	•
Bachelor of Engineering (Honours) (Robotics and Mechatronics) with credit	•	•	•	•
Chiew Seng LAU Henry Jiu Yu FUNG Muhammad ALI	•	•	•	•
Shee Hong FOO Suit May KOO	•	•	•	•
<i>with distinction</i> Esther Sze Hui HII	•	•	•	•
<i>with high distinction</i> Hau Zen CHIN Jovin Yu Cheng CHONG	•	•	•	٠
	•	•	•	•
Bachelor of Engineering (Honours) (Robotics and Mechatronics) / Bachelor of Computer Science with high distinction	•	•	•	•
Jake Zen Yan CHIENG	•	•	•	•
Bachelor of Engineering (Honours) (Chemical)	•	•	•	•
<i>with credit</i> Tiara Ratna Dewie ANAK STEPHEN	•	•	•	•
<i>with distinction</i> Evangeline Hui Mean CHEONG Gladys Ru Qian TAN	•	•	•	•
Kusau Brandonberg ANAK SALANG Sareena LIM Stephanie Ying Lin WONG	•	•	•	•
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Swinburne Research

Swinburne has consistently pursued a policy of ensuring quality and critical mass by investing resources in areas of research concentration. Swinburne actively encourages and values its international and industry connections which enrich and enhance the research efforts and careers of our academic staff and students alike.

Graduates listed below have each made a valuable contribution to Swinburne and their respective fields of research.

Master of Engineering (Research)

Abel Yu Hao CHAI

Detailed Cost-performance Analysis of Wi-Fi Technology for Rural Internet Accessibility Solution

This study generated two models which are outdoor router cost estimation model and outdoor Wi-Fi average data speed model. The outdoor router cost estimation model was developed by using own data analysis methods which named Extended Parametric Model based on original Parametric Model. All the parameters were filtered by using P-value regression analysis. The outdoor Wi-Fi average data speed model was developed by collecting experimental data. The model was also validated and improved by using real-world obstacles. By using both models, Internet Service Providers will be encouraged to participate more and select suitable equipment in rural connectivity development.

Ateeb HASSAN

IoT Based Cost-Effective Smart Energy Meter with Electric Theft Detection and Device-Level Monitoring

Electricity is a precious resource. To save electricity, the energy system needs to be intelligent. Traditional meters were unreliable, easily tampered, and open to electricity theft. Therefore, a smart energy meter design is presented in this research that measures, computes, and transmits the data to an IoT server for remote visualization by both utilities and customers. On top of that, it has an embedded theft and tamper detection system, which detect the real-time electricity theft and tamper for utilities to take action. It also allows consumers to easily manage their energy usage and appliances with device-level monitoring and power factor information.

Liza Melia ANAK TERRY

Non-catalytic and Catalytic Co-pyrolysis of Oil Palm Trunk and Polypropylene: Oil Composition and Formation Mechanism

Pyrolysis oil from oil palm biomass can potentially be used as a sustainable alternative to fossil fuels and the precursor for the synthesis of petrochemical products given its carbon-neutral property and low sulfur and nitrogen content. The addition of plastics and catalysts into the co-pyrolysis of oil palm biomass can improve the targeted hydrocarbon content, which is an important precursor for the synthesis of the petrochemical products (e.g., detergents, plastics, synthetic fibers, etc.) In this research work, the oil production from the pyrolysis of oil palm trunk (OPT), non-catalytic and catalytic co-pyrolysis of OPT and polypropylene (PP) were conducted from 500 to 700 C to evaluate the product yield and the changes in the oil composition.

Natalie Chen Yi LIM

Optimised Pathloss Models Based on 2.4 GHz WiFi for villages in Sarawak

This study aimed to optimise path loss models which can benefit telecommunication providers to improve their services. Free Space Path Loss and Cost231 Path Loss were optimised to improve the accuracy of the modeled results. The path loss models were optimised using Correction Factor and Least Square Algorithm. From the error measurements, the optimised path loss models were more accurate than the original path loss models. This study also generated a new path loss model by using multiple regression. By comparing the average percentage errors between optimised models and generated model, the generated model had higher accuracy and performance.

Obaid Rafiq JAN

Investigation of Vision Information Extraction on Edge Computing Platforms for Flood Management Applications

This research explores various non-intrusive techniques of measuring water levels. After determining the gap that exists in relevant literature, the focus shifted towards utilizing stereoscopic cameras capable of measuring colour and depth in a scene to measure water levels. This was integrated with an edge computing strategy for processing footage from the camera close to the source, in order to alleviate bandwidth stress off the local network infrastructure. Two setups were installed on-site to test the reliability and feasibility of such systems so that resource-constrained locations can benefit from and achieve constant 24-hour water level monitoring under all weather conditions.

Master of Information and Communication Technologies (Research)

Khaled Yahya Mohamed Mahmoud EL KARAZLE

Facial Age Classification Using Deep Learning and Generative Adversarial Networks

This research focuses on improving the process of estimating facial age from photos using deep learning and a concept known as generative adversarial networks. The proposed method in this work focuses on the preprocessing phase in which an image quality enhancer is introduced to improve the resolution of a given photo before predicting the subject's facial age. As discussed in this dissertation, several real-life applications such as access control devices, biometrics devices, digital marketing software could potentially make use of the proposed facial age estimator.

Doctor of Philosophy

Carmen Wang Er CHAI

A Serious Game Intervention for Increasing Motivation of Children with Cancer to Fight Cancer

Treatment adherence is critical for children with cancer. However, treatment non-adherence is common due to the high side-effect burdens of treatment and a lack of knowledge about one's illness and treatment. Therefore, an intervention for childhood cancer patients is required to help motivate them to adhere to treatment, encourage daily self-care to reduce treatment side effects, and educate them about cancer and treatment. This study demonstrates the design and development of a virtual pet serious game intervention based on the Protection Motivation Theory. The evaluation results of the intervention with childhood cancer patients in Malaysia are also presented.

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One qualification. A world of connections. Swinburne Alumni.



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Malaysian National Anthem

Negaraku

Tanah tumpahnya darahku Rakyat hidup, bersatu dan maju Rahmat bahagia, Tuhan kurniakan Raja kita, selamat bertakhta Rahmat bahagia, Tuhan kurniakan Raja kita, selamat bertakhta

Australian National Anthem

Australians all let us rejoice For we are young and free We've golden soil and wealth for toil Our home is girt by sea Our land abounds in nature's gifts Of beauty rich and rare In history's page, let every stage Advance Australia fair In joyful strains then let us sing Advance Australia fair

Sarawak State Anthem

Sarawak Tanah Air Ku Negeriku Tanah Air Ku Sarawak Engkaulah Tanah Pusaka Ku Tanah Tumpah Darah Ku Ibu Pertiwi Ku

Rakyat Hidup Mesra dan Bahagia Damai Muhibah Sentiasa Bersatu Berusaha Berbakti <u>Untuk Saraw</u>ak Ku <u>Ci</u>ntai

Sarawak Dalam Malaysia Aman Makmur Rahmat Tuhan Maha Esa Kekallah Sarawak Bertuah Teras Perjuangan Rakyat Berjaya Berdaulat

Vice-Chancellor's Charge to Graduates

In conferral of your award, I ask you as graduates of Swinburne University of Technology to strive to:

- practise the University's values of integrity, accountability, teamwork, innovation, sustainability and respect for diversity;
- seek positive and creative ways to engage with and serve your communities;
- remain curious and open to new learning and new experiences;
- use your knowledge, talents, skills and passion to encourage a better future for the global community.

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