



Swinburne University of Technology Sarawak Campus, Malaysia

Graduation Ceremony Program

Borneo Convention Centre Kuching (BCKK)

Wednesday 17 April 2024

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 Swinburne Alumni

 Swinburne University of Technology Alumni

Swinburne University of Technology Sarawak Campus, Malaysia

Graduation Ceremony Program

Wednesday 17 April 2024 10.00 am

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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 15 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, assistance 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 National 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 15 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点时间阅读本文。

所有来宾都应当在典礼开始前 15 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。

若宣布紧急疏散，请遵照指示行动，按要求及时撤离会场。

සිව්තර්ත තාසණ විශ්වවිද්‍යාලය ඔබට සාදරයෙන් පිළිගනී. පහත සඳහන් කර ඇති තොරතුරු, උපාධි ප්‍රධානත්වයන්ගේදී සියළුම අමුත්තන්ගේ පහසුව, ආරක්‍ෂාව 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 ප්‍රදේශය පෙන්වන අතර අවශ්‍ය තොරතුරු උපකාර සහ උපදෙස් ඔබ හට බෙහෙදුනු ඇත.

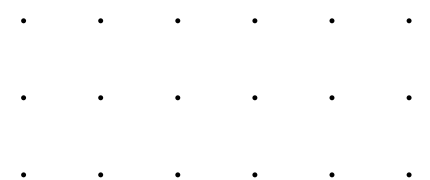
උත්සවය පවත්වන මුළු කාලය පුරාම සිය අසුන්වල රැඳී සිටින ලෙස අමුත්තන්ගෙන් ඉල්ලා සිටීමු. අධ්‍යාපනික කාර්යය මණ්ඩලය ආදායම් වෙත පැමිණෙන අවස්ථාවේ සිට ජාතික ගීය ගායනා කර අවසන් වන තෙක්, අමුත්තන් සහ උපාධිධාරීන් හට සිටගෙන සිටින ලෙස ඉල්ලා සිටීමු.

අපගේ උපාධි බෙදීමේ චාරිත්‍රය වන්නේ එක් එක් උපාධිධාරීන්ගේ නම කථා කරන විට ඔල්වරසන් දීමවේ. සියළුම අමුත්තන් සහ උපාධිධාරීන්ව මෙම සම්ප්‍රදාය අනුව කටයුතු කරන ලෙසට අපි උනන්දු කරමු.

උත්සවය ආරාඪාපහන කිරීම සහ විඩියෝ පටිගත කිරීම කරන බව කරුණාවෙන් සටහන් කර ගන්න.

උපාධි ප්‍රධානත්වයන් අවස්ථාවේදී සියළුම ජංගම දුරකථන නිවා තිබෙන බවට වගබලා ගන්න.

හදිසියේ ආලෝකවත් ඉවත් කිරීමක් නිවේදනය කළ අවස්ථාවක, කරුණාකර උපදෙස් අනුව කටයුතු කරමින් බෙදී ඇති මාර්ගෝපදේශ අනුව හැකි විගස ස්ථානයන් පිටත්ව යන්න.





Message from the Premier of Sarawak and Pro Chancellor

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 a 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.

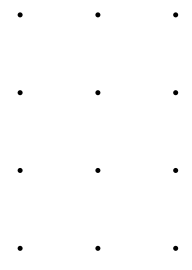
Today, your graduation is also a celebration for your loved ones who have stood by and encouraged you throughout your university education. Let us also take this opportunity to thank them, as your success is also their success.

"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 feedback. 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
Premier of Sarawak and Pro Chancellor

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.

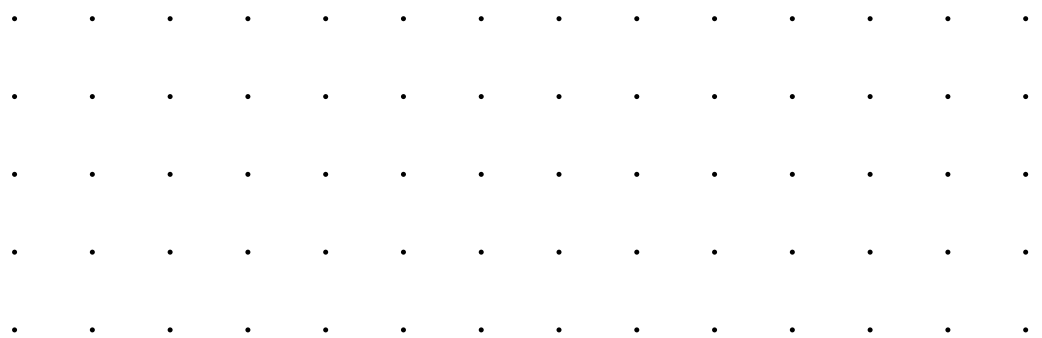
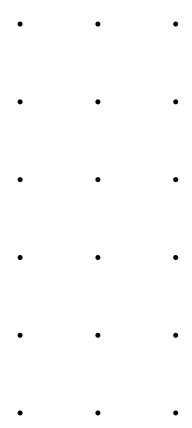
I look forward to your ongoing engagement with us and wish you the very best for your future.

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.



Professor Pascale G. Quester
Vice-Chancellor and President
Swinburne University of Technology



Message from the Chairman of the Board of the Directors

On behalf of the Board of Directors, may I convey our heartiest congratulations to all graduates for your achievements.

Together with your family members, friends and dedicated Swinburne staff, we are proud to witness this significant event today. It is your hard work, commitment and sacrifices that have brought you to receive the internationally recognised Swinburne testamur. At this graduation event, not only do we celebrate your success but also recognise the support your family, friends and lecturers have played in your journey as a university student.

We are proud to acknowledge that graduates from Swinburne's Sarawak campus are pursuing careers throughout the country and abroad. Many are employed by the Top 100 global brands in industries such as financial services, manufacturing, oil and gas, construction, computing, transportation, pharmaceutical and others. Because Swinburne Sarawak graduates are awarded the same internationally recognized Australian qualification by our home campus in Melbourne, Australia, they have wider career options across the globe.

I trust Swinburne's personalised, industry-focused education has prepared you well for your career. Our professional placements and internships, accreditation placements, industry study tours and industry-linked projects, flexible learning and student mobility options, as well as student development programmes are just some of what we refer to as 'The Swinburne Advantage'. I hope you have had the opportunity to participate in these activities where students gain valuable industry insights and network with professionals from multiple disciplines. Swinburne will continue to provide a high-quality Australian education and we have invested RM50 million to further modernise facilities including teaching and learning spaces, accommodation, the cafeteria and student hub. The infrastructural upgrades are vital to enhancing 21st century student experience in preparing them for the future of work in a digital-led environment.

Your graduation today is certainly not an end goal in itself but a launching pad for further achievements. I hope your experience at Swinburne Sarawak has enriched your growth as an individual and opened many opportunities for you in the future.

Once again, congratulations.

Datuk Amar Jaul Samion
Chairman of the Board of the Directors



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.



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 was founded 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 while the School of Foundation Studies offers a wide range of preparatory and English language 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 select 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



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. Datuk 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 Hons) (UNSW), BSc (UNSW), MBA (MU & INSEAD)

Mr William Lye OAM KC FRI

BSc (Comp), LLB, LLM (Monash), MEI (SUT)

Deputy Chancellor

Mr Anthony Mackay AM

BEC, Bed (Monash), MA (EcEd) (Lon), FACE, FACEL, FIPAAV, FRSA

Mr Richard Simpson

BE Mech (Hons) (Melb), AMP (Oxford)

Chair Academic Senate

Professor Tara Magdalinski

BHMS (Hons) (UQ) PhD (UQ)

Mr John Chambers

BEC (MU), GAICD

Ms Karen Clarke

GradCert, Emerging Tech and Law (RMIT), MA (Comm) (SUT), CPA

Dr Leonie Walsh

BSc (SUT), MSc (SUT), Exe MBA (UNSW), GAICD, FTSE, HonDUniv (SUT)

Vice-Chancellor and President

Professor Pascale G Quester

DESCAF, MA (OSU), PhD (MU), NOM (Knight), GAICD

Ms Bronwyn Smith

BA Psych (Hons) (JCU), GradCertEd (JCU)

Ms Rae Johnston

Mr Kishaun Thiruchelvam

Professor Tien Kieu

B. Sc Applied Maths & Physics (Hons), (UQ), PhD Theoretical Physics, (Edin)

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

MBAgmt (Brunel),
Honorary Doctorate in Business and Management (UCTS),
Honorary Doctorate in Economic Development (UNIMAS),
DUniv (honoris causa) (SUT),
P.M.N, D.P., D.A., P.N.B.S., J.B.S.

YBhg. 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)

Professor Pascale G. Quester

DESCAF, MA (OSU), PhD (MU), NOM (Knight), GAICD

YAB Dato Sri Haji Fadillah Bin Haji Yusof

LLB(Hons) (UM), A.B.S., P.G.B.K, P.N.B.S

YBhg. Tan Sri Datuk Amar (Dr.) Haji Abdul Aziz Bin Dato Haji Husain

BEcon (UM), MBA (Syracuse),
DUniv (honoris causa) (SUT)

Adjust Associate Professor Datin Amar Enn Ong Siok Ean

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 (Dr.) Wan Abdul Kadir @ Wan Ali Bin Wan Yubi

DipEd (UM), DipCom, BEcon (UM),
MEd (Birmingham),
DUniv (honoris causa) (SUT)

Professor Simon Ridings

PhD (University of Queensland)

Dr. Douglas J Proctor

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

Professor John L. 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 (UM), MBA (Scranton)

YBhg. Datin Aisah Eden

BALaws (Hons) Anglia Ruskin University,
Barrister-at-Law Lincoln's Inn, UK,
MBA (University of Exeter)

Dr. Norisah Binti Suhaili

DipEd (UIAM), BA (Hons) (UKM), Master (Curriculum) (University of Houston),
PhD (Curriculum) (UIAM)

Tuan Haji Mersal Bin Abang Rosli

DipAcc (UiTM), BAcc (Hons) (UiTM),
MScMgt (Accounting & Planning) (UUM),
C.A(M), CFP

En. Louise Simon Peter @ 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 Binti Adi Badiozaman

BEEd (TESL) (UM), MA(TESOL) (Vic. Uni., NZ),
PhD (Education- TESOL) (Massey University, NZ)

Elected by Professional Staff

En. Mohamad Safaree Bin Sapuan

BComm (PR) (Hons) (UiTM)

Elected by Students

Mr. Ewen Elisha Kim Suan KHOO

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.

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.

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

Wednesday 17 April 2024, 10.00 am

Participating Officers

University Councillor, Swinburne University of Technology, Presiding Officer

Mr William Lye OAM KC FRI
BSc (Comp), LLB, LLM (Monash), MEI (SUT)

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

Graduate Presenters

Dean, Faculty of Business, Design and Arts,
Swinburne University of Technology Sarawak Campus
Professor Brian Wong Kee Mun
BBA (UKM), FCIM (UK), MBA (UM) PhD (UM)

Dean, Faculty of Engineering, Computing and Science,
Swinburne University of Technology Sarawak Campus

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

Research Degree Presenter

Deputy Pro Vice-Chancellor (Research),
Swinburne University of Technology Sarawak Campus
Professor Ida Fatimawati Binti Adi Badiozaman
BEd (TESL) (UM), MA (TESOL) (Vic. Uni.,NZ),
PhD (Education-TESOL) (Massey University, NZ)

Mace Bearer

Dr. Stanley Nwobodo
BCom (Int. Bus) (SUTS), MBus (SUT), PhD (SUTS)

Master of Ceremonies

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

Doa Reciter

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

Student Response

Ms Stephanie Chiew Dee WONG

Order of proceedings

The Academic and Official Party Procession

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

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

Welcome Address by Pro Vice-Chancellor

The Pro Vice-Chancellor, Ir. Professor Lau Hieng Ho will welcome all and introduce the people who are seated on stage.

The Opening

The Presiding Officer, Mr William Lye, will open the proceedings.

The Presentation of Awards

The Presiding Officer, Mr William Lye, will present the awards.

The Student Response

Ms Stephanie Chiew Dee WONG, will deliver the student response.

The Charge to Graduates

The Presiding Officer, Mr William Lye, 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

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 Business, Design and Arts

Diploma of Business Management

Adrian Ping TEO
 Alvin Wen Cheng LAI
 Christopher Lit Ming KONG
 Clement Ren Chuen LAIK
Edmond Yi Yang CHONG
Elton Xie LIM
 Fabian Chong Khong PHANG
 Farah Diba BINTI SAIFUL RAHMAN
Gerald Gan Zhong Xian TEO
 Hau Ken CHUNG
Jarrood Liang Yu TAN
 Joyce Wen Li CHOU
 Joyce Xing Ru LING
 Nur Alya BINTI SAID
 Teck Soon WONG
Waleed Tariq M. W HASIB
 William DHARMAWAN
Zheng Hong LIM

Bachelor of Business (Accounting)

Angeline Chien Ru KIU
 Cha Chee KUEH
Chung Siong TING
 Desmond Kian How LEE
 Elena Ying TING
 Hui Ying NG
 Jeraldine JOHN
 Li Ying HUANG
 Muhammad Ammierul HANABI
 Sharon May Yen CHAN
Silvia Zia Yi LAI
 Vanessa Xin Ping TAN
 Wan Jing VUN
 Wilbur ANAK AUGUSTINE TINGGIE
 Yun Ling CHONG
 Zi Xin HWANG

Bachelor of Business (Accounting and Finance)

Alia BINTI AZMAN
Amelia Xiao Fen CHAI
 Brendan Jian Poh SUNG
 Candice Yi Woon TAN
 Carol Yien Chin LING
 Cassandra Ying Ying FONG
 Celine Jia Yee HAM

Edwina Siang Thiin YONG
Efoolya ABOK
 Eileen Hui Jie HO
 Eliana Ci Min HII
 Elora Sin Nee TAI
 Frederick Jiun Yun WONG
 Grayson Cheng Kai TEO
 Gwenda Yen Wen TOH
 Hui Yuan NGIENG
 Iris Xin Yun NGU
 Janet Ing Ping WONG
 Jasmine Wei Ting CHAI
 Jeannyfer Claudya HALIM
Jessa Le Le TAN
 Jia Min BONG
 Jialong LI
 Jing Yee WEE
 Joanne RAYMOND BAKERI
 Karen Shiuan Ni HII
 Kenny Seng Chieng YU
 Kesnley Rofeanie ANAK KENNEDDY
 Lik Ting CHIN
Marcus Tze Haw TING
 Megan Qi Wen CHOO
 Min Fu CHIN
 Mohamad Ashraf BIN ABDILLAH
 Nathan Yu Xuan YEO
 Nicole Lee Shien LAU
 Nicole Yi Sze THEN
 Nurul Ain Natasha BINTI AJJI
 Rachel Hui Yen KUEH
 Ren Jie CHAI
 Ru Ting WONG
 Shereen Siau Qin SHU
 Sofia Jia Wen CHAN
 Velentino Wenliang YUNG
 Xiang Chie NGU
 Xin Hui TAY
 Yang Jiew KHO
 Yijie PHANG
 Zhi Qing PHANG

Bachelor of Business (Finance)

Aurelius Wee Cherk TEO
 Brian Wei Zhieng CHUNG
 Bryant Wei Rong LEE
Fui Mei FOONG
 Samantha Marie ANAK RUNDI
 Shir Lyn SIA
 Yee Teng ONG

Bachelor of Business (Human Resource Management)

Abdul Hakeem Akmal BIN AINI
 Abdullah-Al-Kafi .
 Alsutra BINTI RAHIM
 Andrew ANAK RANDY
 Anson YEO
 Calvin Kheng Ann NG
 Cassandra ANAK LUKAS
 Ching Ying LIM
 Ferderick Sheng Li LAU
 Fiona Chung Yun WONG
 Joanne CHONG
 Joycelin Munga ANDY
 Lorette Mei Yi TIE
 Sie Yong CHAN
 Wee Vanessa LEE

Bachelor of Business (International Business)

Cecilia Shin Phing CHAN
 Dazmayryldra DAMATARIES
 Grace Yixin ANG
 Hazel Chi Yee YEO
Jessbell Li En LOO
 Jodie Meiyi FONG
 Kh Rafid RAHMAN
 Lawrence Chun Wei SING
 Phoebe Ivory ANAK SIEW
 Ryan Bunsu ANAK BELL AGGAN
 Serena Ching Hui WEE
 Shehnaz Banu Binti S.A.S ABDUL WAHID
Soon Yung JONG
Yinji NG
 Yuan Hao CHONG
 Ziyoung CHUI

Bachelor of Business (Management and Digital Media)

Chuang Yi CHAI
 Guan Yuan CHIN
 Isa Lim BIN ADAM LIM HUA KIANG
 Jason Sze Siang CHUNG
 Jia Jun HONG
 Jonathan Paul Yeo ANAK JEAFFERRY
 Kimberley Hui Jun SIE
 Lewis Lee Yan CHAK
 Martin Rui Zhe CHIONG

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.

Prajwal Nataraj MAKAM
 Raihana Nadine RIPEN
 Ru Fang KHO
 Ulya Amani HALIM CHENG

Bachelor of Business (Management)

Boon Jia KUEH
 Daphie York See CHIN
 Deric Hou Wei LOW
 Jenny Si Nee YII
 Jessica Kim Yi LEE
 Jia Ying CHANG
 Kelvin Chun Han PHANG
 Marcella Jill ANAK MATTHIS
 Maybe Pek Xuen TAY
 Melanie Xia Wun KUEK
 Tiak Hian SIM

Bachelor of Business (Marketing)

Ashley Jade Sze Syuen NGUI
Cedric Chung Sheng CHIAM
 Chia Min SIM
Jia Jing LAU
 Joey Shanice JOHNNY
 Ka Sing NG
 Poh Ee HO
 Ryan Ye Heng TAN
 Soraya Nadia Alhady BINTI MAHADHIR
 ALHADY
 Zaim Danish Beqir BIN MAHMUD

Bachelor of Design

Cindy Syn Yee LO
 Claudia Mei Ling SONG
 Elaine Yi Lian YEO
 Lesly TAN
 Matthew ANAK PHILLIP
 Nur Alia Seri BINTI MUSTAPA
 Reuben KEBING LAING

Bachelor of Design (Multimedia Design)

Dayang Amirah Afifah BINTI ABANG AMIN
 Geraldine Chendun CHUAT
 Kiningposah Teresa SHANON
 Marvin CHOO
 Nicholas Jun Cheng HUANG
 Nur Nabila Wafa BINTI SHAMSUDDIN SHAM
 Rika PAULANDA
 Shan Yuan LIEW
 Stephanie Chiew Dee WONG
 Venessa Kai Rong KHO
 Zheng Dong CHIN

Bachelor of Media and Communication

Hettiarachige Maiki Leo TISSERA
 Suddith Priyanka ANAK MOSCOW
 Wan Yan THAM

Master of Business Administration (International)

Adrian Assan ANAK BELL AGGAN
 Anjali Maribelle PROSPER
 Audrey LING
Bibiana Hua Ying TEO
 Git Young VOON
 Jiun Xing LEE
 Lin Lin TANG
 Nur Iffah Syaza BINTI ABDULLAH
 Valerie Jia Jia JEE

Master of Arts (TESOL)

George Ming TING
 Louise LAW
 Natalie Ping Hui FU

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.

**Faculty of Engineering,
Computing and Science**

**Bachelor of Engineering (Honours)
(Chemical)**

with credit

Amanda Empian WONG
Anupaja Esandi Benara Dias
KUMARAUNNEHELAGE
Juliana Pei Ying KIU
Michael Toh Yang WONG
Mohammad USMAN
Rachel Rowena VINCENT
Saif Ahmed JEON
Shaffaf THAJUDHEEN

with distinction

Clarence Yii Fang LAU
James Chai Fah SEO
Jason Ik Cheng LAU
Muhammad TAAHA
Selena Kian Yii SONG
Wei Sing YONG

with high distinction

Tiffany Jia Ning ANG
Yu Si WANG

**Bachelor of Engineering (Honours)
(Civil)**

with credit

Heinze Totti VOON
Jonathan Sze Hsiung KING
Muhammed Rashed Ahamed IHTHISAB
Shiuan Woei PHU
Zhong Heng LIEW

with distinction

Alex Kwong Jun KIU
Bryan Xin Yu CHAI
Cassandra Ann TANG
Chek Yong KHO
Ching Ren MOEY
Chu Ann TING
David Yiau Wei CHAI
Dennis Hui Hong LAW
Faaiz Hazziem Wazif BIN SAIFUL HASRIE
Francis Kiu Hao KIING
Hong Yuan LIM
Jonathan Wei Er TAN
Kevin Ker Hung NGU
Siak Cheng BONG
Stella Jun Ni SIM
Swee Xuan TANG
Tau Quan CHIAM
Thion Am CHIENG

with high distinction

Chun Ping GAN
Duong Xing SIE
Kai Zen CHAN
Lep Hargng CHAN
Lik Chou LAU
Nathalie Yi Hwei GOH

**Bachelor of Engineering (Honours)
(Civil) / Bachelor of Business**

with credit

Abdulhamid HADAD

**Bachelor of Engineering (Honours)
(Electrical and Electronic)**

with credit

Ashlee Jude ANAK NYAUT
Moses Shien Yon SIM
Nazrin BIN NAWAWI
Nicholas Yong Juin LIM
Yann Cherng CHIN

with distinction

Alven Kian Wei SOONG
Darryl Wei Kiat SIM
David Tai Wei NGU
Derrick Hong Liang KHO
Jeremy Yang Sheng SIAW
Lin Fung WONG
Yao Cong KHO
Zhan Koh WONG

with high distinction

Gavin Chun Heng SIAW

**Bachelor of Engineering (Honours)
(Mechanical)**

Mohammed Salim Humaid Salim AL HINAI
Nur Syukrina BINTI SHUARDI

with credit

Anand Mikail SEGARAN
Kevin Kien Yu LIM
Mohammad Shafi Asgar SHAIKH
Mohd Azib BIN JUNIH
Tawas ANAK CHARLES

with distinction

Darren Chung Shin HII
Devyn Meng Jun TOH
Ding Xiang LEE
Ephraim Yu En TANG
Jerry Teck Li SUNG
John Shi En CHIO
Kelvin Kai Cheng JEE
Nikko Chung Hsian LIM
Perry Yu Huey WONG
Sheng Ming LEE

with high distinction

Chang Jun CHAI
Danial Hadi Wong BIN MOHD HARIZ
@ WONG MEE HOE

**Bachelor of Engineering (Honours)
(Robotics and Mechatronics)**

Don Chanitha Keshvin WIRASINHA
Samuel Brian BIN LAURANCE

with credit

Chadric Wee Quan YEO
Dulendri Sandushika PERERA
Mohammad SULTAN
Russell HILL DOLLICK

with distinction

Hao En CHONG
Kughan A/L KRISHNANSAMY
Sreedharan THAMIL SELVAN

**Bachelor of Engineering (Honours)
(Robotics and Mechatronics) /
Bachelor of Computer Science**

with credit

Kai Xian HO

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.

Bachelor of Science (Biotechnology)

Brendan Yong Chern SIM
 Crystal Eng Chi LING
 Francesca Gelang CHONG
 Stephanie Hao Ling CHEAH
Summayya SHABBIR

Bachelor of Science (Environmental Science)

Marjen NAFI

Bachelor of Computer Science

Abdul Azim BIN ABDUL RASHID
 Abdul Cader Mohamed Hamza SYED
 Adrian Charles WHITE
 Alec Vince Gonzales ABUAN
 Amirul Iman BIN AMRAN
 Andy Sejati WIJAYA
 Angel Hui Jing LING
 Brendan Poh King JAP
 Chek Fung KONG
 Cheryl Siaw Yu CHIA
 Chia Wan TAN
Chyziem Chang Yan LO
 Cornelius Jun Teng LEE
 Dexter Chu Hung HO
 Elvina Syn Yee CHU
 Elvis Kiung Kiat WONG
 Eric Shiu Hou TING
 Ezekiel Ming Lun LING
 Fyon Su Yee CHIN
 Gabriel KUEK
 Hamza Ahmed ISHRAT
 Jerad Zherui LIAW
 Jia Zheng CHUA
 Jing Ping NG
 John Zu An CHUNG
 Jonathan Wei Han LEE
 Justin Zen Yue CHIENG
 Kazumasa Foh-Zin CHONG
Masrur Rahman ZAHIN
 Mehrab BHUIYAN
 Murtada Mohammed Anwer RASHID
 Natania Li En PHANG
 Noor Ul Ain KHURSHID
Raymond Wei Kiat NGO
 Rich Xin Wei LAI
Sana Tajmahamad Nadkar .
Tze Lik CHIA
 Wen Li LOH
 Xing Long MAK
 Yu Chen LIEW
 Yuk Fung LAW

Bachelor of Information and Communication Technology

Diana Khai Hwai LIM
 Farah Aleeya BINTI SUTAGHANI
 Gordon Teck Seng LING
 Irvin Jamesson JAMES PIENG
 Jung LIM
 Kevin Alvaro FRANDI
 Marcus En Hao WONG
 Sayed Amhar SYED SHAIKH
 Vendy Putra Arief TAMA
 Yin Han WANG
 Yong Sheng YU

Graduate Certificate of Information Technology

Clement Hau Liang YEW

Master of Information Technology

Adrian Weng Siang CHUNG
Jocelyn Shien Lin NG
 Muhammad Arsalan SOHAIL
 Sheng Ee NGIENG

Master of Construction Management

Mohammad Mehdi HOSANY
Ratanak SAMBO

School of Research

Master of Engineering (Research)

Nicholas Yong Jie NG
 Tasha Sie Ming LAI

Master of Science (Research)

Fatin Syafiqah BINTI YAZI
 Lip Shen LOW
 Pun Liang THON
 Wee Yang PUI

Doctor of Philosophy

Carla Sih PRABANDARI
 Dewi WIDYASTUTI
 Jia Yen LAI

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)

Nicholas Yong Jie NG

Discrete Element Simulation of Tunnelling Rock Spoils Subjected to Direct Shear Tests for Back-Analysis of Jacking Forces

Pipe jacking is a preferred method for sustainable installations of buried infrastructure in urbanised areas. Jacking forces are a critical factor in the pipe jacking technique, governing the safety and success of such installations. Established mechanistic jacking force models rely on the constitutive behaviours of reconstituted rock spoil obtained from the geology surrounding the installed pipelines. From the current study, discrete element modelling has been successfully used to simulate the behaviours of the reconstituted rock spoil. Techniques were developed to capture the inter-particulate behaviours of the rock spoil. The derived constitutive properties were successfully applied to back-analyse the forces measured from pipe jacking cases.

Tasha Sie Ming LAI

Study on The Influence of Microwave Curing on Dielectric and Mechanical Properties of Banana Fiber Reinforced High-Density Polyethylene with Magnesium Oxide

Microwaves have applications beyond the kitchen due to their higher rate of heating. Microwave radiates heat volumetrically with rapid processing compared traditional conventional heating. This research study the effect of microwave curing of banana fiber reinforced high-density polyethylene with magnesium oxide by comparing with oven and room temperature curing. The findings highlight marked improvements in material qualities through microwave curing. This research also explore diverse chemical surface treatments to strengthen the mechanical and dielectric properties of the fibers. Implementing these findings enables effective and efficient manufacturing of environmentally friendly products, replacing inferior materials in the market.

Master of Science (Research)

Fatin Syafiqah BINTI YAZI

A Study of Feature Extraction Methods and Corpora in Developing a Deep Neural Network Model for Contradictory Claims Detection in Medical Literature

Clinicians or clinical researchers may encounter doubts or questions related to clinical tasks or decision-making. To seek the answers to their questions, they will search and evaluate the best current evidence from medical literature through electronic resources such as online databases. However, research claims that answer the same clinical question often contradict each other. The existence of contradictory research claims, in addition to the huge number of literatures to be appraised, can make evidence appraisal process challenging. This research explores various techniques in building an artificial intelligence model to detect contradictory research claims to support the clinical evidence appraisal process.

Lip Shen LOW

Hybrid Visualisation Recommender System of Patient-Generated Complex Diabetes Data

This research introduces MTViz, a novel hybrid visualisation recommender system leveraging machine learning models to predict data analysis tasks and rule-based heuristics to generate tailored visualisations from diverse multidimensional diabetes datasets. MTViz allows users to visualise data without requiring specific visualisation knowledge. MTViz supports the insertion and simultaneous display of multiple patient-generated datasets, benefiting practitioners in extracting essential insights from various sources. Incorporating data analysis tasks in MTViz ensures the recommended visualisations are aligned with user-defined tasks, enhancing task-solving efficiency. Furthermore, MTViz organises visualisations using juxtaposed and superimposed views, assisting practitioners in comparing multiple health datasets within a single view.

Pun Liang THON

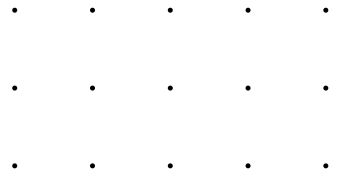
A Study on Lung Disease Diagnosis and Severity Classification using Deep Learning Techniques with Explainable Artificial Intelligence (XAI)

Addressing the critical global challenge of COVID-19, the research delves into the realm of improved lung disease diagnosis through the application of advanced artificial intelligence models. Leveraging Vision Transformers, the study marks a substantial leap forward in accuracy, demonstrating superiority over traditional methods. With a focal point on transparency and interpretability, the research not only contributes essential insights to the landscape of medical diagnosis but also holds the promise of significantly enhancing the efficiency and precision of COVID-19 assessments. This advancement, in turn, stands to make a substantial impact on overall societal health outcomes.

Wee Yang PUI

An explorative study on the use of coarse-grained protein models in structure-based virtual screening

This research aimed to evaluate whether data from coarse-grained modeling could match explicit solvent molecular dynamics in virtual screening. By comparing protein models from both simulations using parameters such as receiver operating characteristic (ROC) curves and enrichment factor (EF), the study found that coarse-grained models shouldn't be dismissed in virtual screening. It suggests further research to clarify the role and potential of coarse-grained modeling in this field.



Doctor of Philosophy

Carla Sih PRABANDARI

Indonesian In-Service English as a Foreign Language (EFL) Teacher Professional Identity Development through Teacher Professional Education: Hybrid Identities in Liminality

This qualitative study investigates the impact of an online Teacher Professional Education (TPE) program on the professional identities of eight Indonesian English as a Foreign Language (EFL) teachers. The study reveals that participants developed hybrid identities, navigating a dual role as teacher-student hybrids and evolving into multifaceted professionals. Professional identity tensions emerged due to discrepancies between competence standards and field reality. The study suggests integrating language learning in TPE and advocates for continuous professional development to enhance teachers' professional identities post-TPE, promoting confidence, student-centred teaching, and digital leadership.

Keywords: liminality, hybridity, teacher professional identity tension, teacher agency, teacher professional education (TPE) or Pendidikan Profesi Guru (PPG)

Dewi WIDYASTUTI

Identity Formation in English as a Foreign Language (EFL) Creative Writing in Indonesia

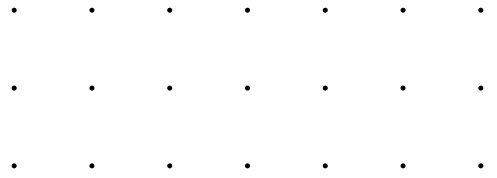
The research revealed that students in English as a foreign language in Indonesia perceived themselves as society members, English as a foreign language learners and creative writers. Students' identities were utilised as creative writing resources for self-expression, blending the Indonesian and English cultures and emotional channels. Through their creative writing, students accepted and rejected the identities ascribed by others. Moreover, their creative writing allowed students to claim and confirm their identities while abiding to the societal expectations towards them. As such, students were empowered and could develop positive learning attitudes. Thus, creative writing practices could be used to promote students' identity formation.

Jia Yen LAI

Development Of Concurrent Activation And Surface Modification (CAM) Process In Palm Kernel Shell-Derived Activated Carbon Production For Post-Combustion Carbon Dioxide (CO₂) Adsorption

Palm kernel shell-derived activated carbon (PKSdAC) have been studied for CO₂ capture given their unique structure, easy to modify, and low-cost compared to amine-based absorption. This research studies concurrent activation and surface modification (CAM) process to produce PKSdAC using sulphuric acid and barium chloride as activating and doping agents. Parametric optimization of PKSdAC production condition was performed to enhance its porous structure and surface affinity. The optimum CAM-PKSdAC was investigated for its CO₂ adsorption performance and stability using customized lab-scale gas adsorption tower against conventional surface modified-activated PKSdAC. Techno-economic feasibility of CAM and two-step activation and surface modification were evaluated.

Autograph



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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
Untuk Sarawak Ku Cintai
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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