



Swinburne University of Technology Sarawak Campus, Malaysia

Graduation Ceremony Program

Borneo Convention Centre Kuching [BCCK]
Wednesday 30 April 2025

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
- exclusive alumni events
- Swinburne Alumni news
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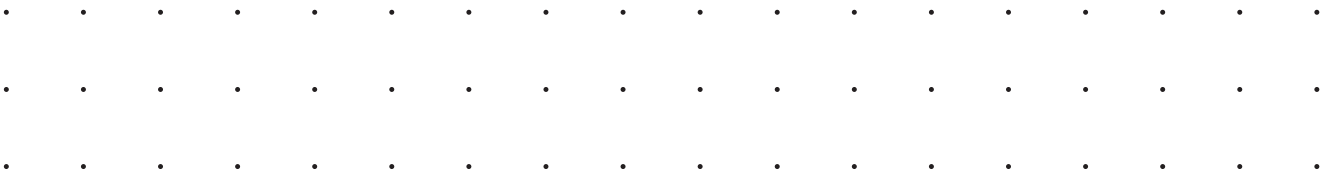
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Swinburne Alumni



Swinburne University of Technology Alumni



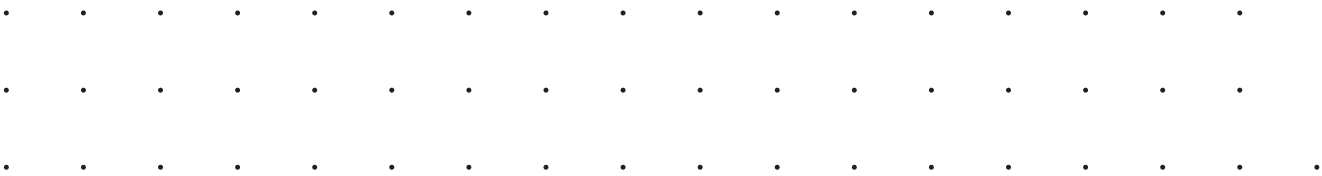
Swinburne University of Technology Sarawak Campus, Malaysia

Graduation Ceremony Program

Wednesday 30 April 2025, 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。

ස්විච්ඤාන ආයතන විශ්වවිද්‍යාලය ඔබට සාදරයෙන් පිළිගනී. පහත සඳහන් කර ඇති තොරතුරු, උපාධි ප්‍රධානත්වයන්ගේදී සියළුම අමුත්තන්ගේ පහසුව, ආරක්‍ෂාව සහ ආස්වාදය සහතික කිරීමට උපකාරීවේ. 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 පෙත්වන අය විසින් ඔබට අමුත්තන් අසුන් ගන්නා ප්‍රදේශය පෙත්වන අතර අවශ්‍ය තොරතුරු උපකාර සහ උපදෙස් ඔබ හට ලබාදෙනු ඇත.

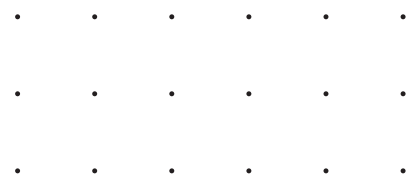
උත්සවය පවත්වන මුළු කාලය පුරාම සිය අසුන්වල රැඳී සිටින ලෙස අමුත්තන්ගෙන් ඉල්ලා සිටීමු. අධ්‍යාපනික කාර්යය මණ්ඩලය ආලෝම වෙත පැමිණෙන අවස්ථාවේ සිට ආතික ගිය ගායනා කර අවසන් වන තෙක්, අමුත්තන් සහ උපාධිධාරීන් හට සිටගෙන සිටින ලෙස ඉල්ලා සිටීමු.

අපගේ උපාධි ලබාදීමේ චාරිත්‍රය වන්නේ එක් එක් උපාධිධාරියාගේ නම කථා කරන විට ඔල්වරසන් දීමටය. සියළුම අමුත්තන් සහ උපාධිධාරීන්ව මෙම සම්ප්‍රදාය අනුව කටයුතු කරන ලෙසට අපි උනන්දු කරමු.

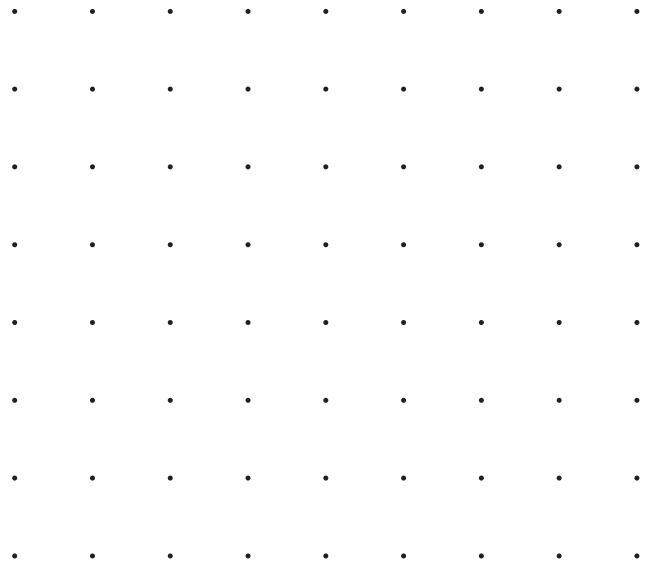
උත්සවය පාඨාරාමයක කිරීම සහ වීඩියෝ පටිගත කිරීම කරන බව කරුණාවෙන් සටහන් කර ගන්න.

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

හදිසියේ ආලෝමයෙන් ඉවත් කිරීමක් නිවේදනය කළ අවස්ථාවක, කරුණාකර උපදෙස් අනුව කටයුතු කරමින් ලබාදී ඇති මාර්ගෝපදේශ අනුව හැකි විගස ස්ථානයෙන් පිටත්ව යන්න.







Message from the Premier of Sarawak and Pro Chancellor

Heartiest congratulations to you on your graduation.

Today marks a significant milestone in your academic journey – one that is a culmination of dedication, resilience and personal growth. In addition to gaining knowledge in your chosen field, I am confident that your learning experience at Swinburne has also enabled you to develop the essential skills required to navigate a future world of work defined by technology, innovation and entrepreneurship.

As you step beyond academia and into a world of opportunities, I encourage you to carry forward the Swinburne Values that have been embedded in your university experience. These values will continue to serve as a strong foundation in your career journey. When combined with agility, resilience and innovation, they will empower you to excel in your endeavours.

Whatever your chosen career path may be, it is now an exciting time to enter the workforce – particularly for Sarawakians – as Sarawak strives to achieve developed status by 2030 under the guidance of the Post Covid-19 Development Strategy (PCDS 2030). The PCDS 2030 envisions Sarawak as a thriving society by 2030 with its people enjoying economic prosperity, social inclusivity and sustainable environment driven by data and innovation. Achieving this goal requires new skills and fresh perspectives driven by creativity, sustainability and forward-thinking approaches – qualities which I am confident you embody and will apply meaningfully in your professional pursuits.

As our everyday ambassadors, Swinburne alumni exemplify the impact of a world-class, industry-aligned education, and the success it fosters. True success is not only measured by personal achievements but also by the positive impact you create in your communities and beyond. Hence, I encourage you to stay connected and engaged with your alma mater and society. Whether through mentoring, sharing your expertise or even providing work opportunities, there are many ways you can contribute meaningfully.

Today, your graduation is also a celebration for your loved ones who have supported and encouraged you throughout your university journey. Let us take this opportunity to thank them, for your success is also theirs.

“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 studies and do always stay connected to your alma mater. I sincerely hope that you have fond memories of your time in Sarawak and we will always welcome you back with open arms 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

Congratulations to all who are graduating!

Graduation is a significant step in your education. You have fulfilled the requirements of a demanding program of study and today's ceremony provides an opportunity to celebrate your achievements.

The completion of your qualification is a tremendous personal accomplishment. It is also a milestone shared by staff, family and friends who have contributed to your success.

I hope you take pride in knowing that you graduate from Swinburne University of Technology with a high-quality education, obtained from a world-ranked university.

This education positions you to prosper and participate more fully in the dynamic, knowledge-based, global economy. Now, more than ever, today's graduates must have the skills and attitude the future workforce needs – the capacity to learn and be flexible, creative problem-solvers.

At Swinburne, we embrace the notion that we are all learners for life. Your graduation isn't just an end point to your educational adventures – you will craft new career directions as opportunities emerge and develop new knowledge and skills as your career evolves.

I encourage all of you to address the new challenges that face you and your community and make a positive contribution. Seize these opportunities and help shape the future.

We are delighted to welcome you as Swinburne alumni and will take pride in hearing of your achievements. We look forward to welcoming you back to Swinburne in the future, either in person or through one of many online learning opportunities, to help you further your knowledge.

Once again, I offer my warm congratulations on successfully completing your program. Your newly acquired education will serve you well throughout your life. Be proud of what you have worked to achieve and remember those who have supported you to reach this end.

I sincerely wish you every success as you enter this next exciting stage of your life and career, and invite you to stay in touch with your Swinburne community, wherever life takes you.

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



Message from the Chairman of the Board of Directors



On behalf of the Board of Directors, I would like to extend our warmest congratulations to all graduates. Your hard work, dedication and perseverance have brought you to this day, and I hope you take great pride in your achievements.

As you celebrate your graduation today, let us also take a moment to recognise the invaluable support your family, loved ones and lecturers have provided throughout your journey. Their encouragement and guidance have played an important role in your success.

This celebration marks the completion of your academic journey and the beginning of a new chapter in your career. Exciting opportunities await you, particularly in a world where technology evolves at an unprecedented pace. At Swinburne, we go beyond imparting knowledge – we equip students with the skills needed to thrive in a fast-changing, technology-driven future. I sincerely hope you will apply your experiences and forward-thinking skills to your career, allowing them to guide you as you carve your own path.

In addition, Swinburne's industry-focused education with Work Integrated Learning (WIL) embedded into all our courses ensures that our students gain real-world industry experience during their studies. WIL comes in many forms, including professional placements, internships, accreditation placements, industry-linked projects and industry study tours. Through these experiences, I trust you have gained valuable insights into how you can apply your theoretical knowledge to practice.

On this occasion, I would also like to express my appreciation to the many individuals who have come together to make our vision of delivering world-class Australian education in Sarawak a reality. My heartfelt gratitude goes to Swinburne University of Technology, to the members of the University Council, the Board of Directors, our dedicated faculty and staff, and our valued industry partners. Our shared commitment to improving lives through education has helped to ensure that the university continues to provide a learning environment that is relevant and centred upon fostering student success.

Whether you choose to be a job taker or a job creator, I am confident that your Swinburne education has prepared you well. Adaptability, resilience and a commitment to lifelong learning will be essential as you navigate the opportunities and challenges that lie ahead. I encourage you to embrace every opportunity with wisdom, pursue excellence with perseverance and have the courage to make your mark on the world.

Once again, congratulations and I wish you success in your future endeavours.

Datuk Amar Jaul Samion
Chairman of the Board of 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 three 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 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 its 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 one is flying from Singapore. Home to 4,600 students and more than 300 staff, Swinburne Sarawak is also home to students from more than 45 countries.





After eight years in operation, 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 2019, the University embarked on a campus upgrading project which was later completed and officially unveiled in 2024. The RM50 million campus upgrading project supports Swinburne Sarawak's mission of fostering student success, providing students with a world-class teaching and learning environment, and supporting the University's growing student population. The upgraded campus includes the construction and upgrading of 4 key spaces, which are the new Student Hub, a purpose-built Food Hall, the Borneo Atrium that includes an extension to the library, and the upgraded student hostel which has been revamped into the Student Village. With a focus on preparing graduates for the future of work, this upgrading encourages a flexible and innovative teaching and learning culture, strengthens the University's research portfolio and will position Swinburne as the partner of choice for industry in the region.



Celebrating 25 years of Swinburne Sarawak

This year, Swinburne University of Technology Sarawak Campus proudly celebrates its 25th anniversary. Since its establishment in 2000, the University has continued to carry forward the Swinburne legacy of pioneering innovative education, fostering strong industry engagement, and promoting social inclusion. This milestone holds great significance not only for the University but also for Sarawak, as it reflects the enduring commitment and shared aspirations of the University community, as well as the transformation and advancement of Sarawak's education landscape.

Over the past 25 years, Swinburne Sarawak has empowered and inspired more than 10,000 graduates from over 55 countries around the world. The University takes pride in making a difference through quality education and creating global impact through research that addresses real-world challenges.

As Swinburne Sarawak commemorates this significant milestone, the University acknowledges that its successes and achievements have been made possible by the various stakeholders who have been part of its journey. Students, faculty, staff, industry partners, University Council members, Board of Directors, the local community, and the consistent support from Swinburne University of Technology Australia and the Sarawak government have all played instrumental roles in shaping the University. The collective dedication of this community has enabled Swinburne Sarawak to uphold its founding vision: to make world-class Australian tertiary education accessible to the local community.

The 25th anniversary theme, 'Swinburne Sarawak Shaping the Future', celebrates the University's legacy while reflecting its aspirations for the future. It is a recognition of the University's mission to transform lives through education and will serve as a guiding principle as the University embraces new challenges, drives innovation, and builds upon its strengths in the years to come.

As the University celebrates 25 years in Sarawak, it does so with greater resolve and renewed purpose. Swinburne Sarawak remains committed to supporting the Sarawak government's aspiration to ensure equal access to quality education for all Sarawakians and to deliver the life-changing opportunities it brings. The University looks forward to advancing educational and research innovation while strengthening its role as a catalyst for positive change, both locally and globally.

Swinburne Sarawak welcomes you to celebrate this remarkable legacy, as the University embraces the future with confidence and reaffirms its commitment to building a stronger Swinburne Sarawak for generations to come.



inburne

and technology working
to build a better world

The
Swinburne
Experience

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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

BEd, 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 Bilal Ahmed

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

MBusMgmt (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)

Dato Adjunct Associate Professor 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. Hajah Norisah Binti Suhaili

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

Datu Haji Mersal Bin Abang Rosli

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

En. Watson Chunggat Leonard Doo

BBA (Hons) (Marketing) (UiTM), MSc HRD (UNIMAS)

En. Mohamad Adzlie Bin Ibrahim

MBA (UMK)

Elected by Academic Staff

Professor Ida Fatimawati Binti Adi Badiozaman

BEd (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

Ms. Angeline Michelle Siew Lian BONG

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 30 April 2025, 10.00 am

Participating Officers

Senior Deputy Vice-Chancellor and Chief Academic Officer, Swinburne University of Technology, Presiding Officer

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

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

Ir. Associate Professor Dr. Viknesh Andiappan
MEng (Hons.) in Chem. Eng. (The University of Nottingham), PhD
(The University of Nottingham), P.Eng, CEng, MICHemE

Master of Ceremonies

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

Doa Reciter

Ts. Dr. Muhammad Rafiq Mirza Bin Julaihi
BEng (Hons) (Materials) (IIUM), MEng, PhD (Hokkaido), Grad. BEM,
MIEAust CPEng APEC Engineer IntPE(Aus)

Student Response

Ms Brenda Leh Xuan LAU

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 Senior Deputy Vice-Chancellor, Chief Academic Officer
and Presiding Officer, Professor Simon Ridings, will open the
proceedings.

The Presentation of Awards

The Senior Deputy Vice-Chancellor, Chief Academic Officer
and Presiding Officer, Professor Simon Ridings, will present
the awards.

The Student Response

Ms Brenda Leh Xuan LAU, will deliver the student response.

The Charge to Graduates

The Senior Deputy Vice-Chancellor, Chief Academic Officer
and Presiding Officer, Professor Simon Ridings, 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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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 Accountancy

Leonard Kai Dee JONG
Nicole Chieng Chi LAU
Shun Khiat GOH
Sydney Poh Hui HEE
Tze Thong TAN

Diploma of Business Management

Ailsa Wei Xin ANG
Alister Chang Long TIONG
Alvin Khai Shin FOO
Brendon Jia Xian SIM
Bryan Jia Ming TAN
Chun Lun BOON
Clive Yi Kai TAI
Coen Chew Chn HANZ
Danny Soon Beng ONG
Giovanni Lloyd GLUMA
Gwyn Chia Sheun TAN
Hans Jia Syn YEE
Jeng Hee KOH
Jia Yee CHONG
Jing Xian CHUNG
Lee Yuan YEK
Qi Jian CHIN
Russel Bing King WONG
Sarkis MAJARYAN
Sze Yen HO
Trace Tze Yee LAI
Tzin Qing CHUNG
Wei Jin ONG
Ye Qi CHOK
Yvonne Siew Wen EE

Bachelor of Business (Accounting)

Angie Si Yun WEE
Catherine Hua Eng CHEU
Claudia WILLIAM
Jonathan Teck Yew CHIENG
Kelly Xuan Fong VOON
Nicholas Shu Zhe LEE
Sabrina Li Chin LIM
Sharon Jia Xuan ANG
Sonia Yee TAY

Bachelor of Business (Accounting and Finance)

Amanda Yi Sing LAU
Anselm Chiun Hung LIM
Ashley Frances Ching Ching HON
Charissa Chu Ern TEO
Chon Jii CHAI
Debbie Sau Yee GOH
Edwin Kye Soon CHIEN
Eqhwan Tirmidzi BIN MOHD
RASHIDEE
Jordan Guan Wei BONG
Joshua Jiat HON
Joycelyn Pei Lin GOH
Jun Sung WONG
Kristel Ting Ting KHO
Kwan Meng SIM
Melissa Wen Wen LOH
Natalie Swee Li CHIN
Nathalie Nicole SI
Nicholas Yee Soon KU
Nur Adila BINTI ZAMRI
Nur Azyyati Laili BINTI SA'ID
Nur Iqklima Aintasha BINTI AZMAN
Pei Yee HO
Penny CHONG
Penny Chung Ling LIM
Qiao Qing JONG
Shirley Xin Yi LIM
Soon Yang KENN
Sylvia Yuan Ying WONG
Terrance Jun Yan PHIONG
Thirusa BALAMURALI
Tinithi Thamasha KINDELPITIYA
Yin Yin KHO
Yong Qi WONG

Bachelor of Business (Finance)

Chian Yee LIU
Dexter Chia Xieh WEE
Jayden John Jun Liang LOH
Jeremiah HO
Jocelyn Qian Qing ANG
Justin Yung Sing CHAI
Natalie Yu Sze YEO
Nicole Cai Xuan HON
Nur Ain Syahira BINTI ROSDIN
Sharmine Hani BINTI RAMLI
Xiu Ying SIM
Zachary Adam Kian Phen TAN

Bachelor of Business (Human Resource Management)

Amir Aniq Asyraf BIN ABDULRAHIM
Britney Ming Sze LEE
Canisius Larry BIN PETER BALSAM
Cassandra Chai Yuen LO
Charlene Qi Hui CHOO
Fatin ULFAT
Haoyang ZHAO
Michelle Wei Ting KON
Nigel Dom ANAK JOSEPH IRAN
Nur Natasha BINTI NAZARIE
Nurul Izzah BINTI AMBOK MAEK
Ryan James Isaac LEE BALA

Bachelor of Business (International Business)

Aaron NAGAI
Amanda Sze Chan LIEW
Amaral Qian Ying JONG
Amelia Beatrix Zhen Yi CHIN
Arafath ULLAH
Emery ANAK DOMINIC
Leeshenjana Cleyara LUWIS
Maisarah BINTI ABU BAKAR
Nicholas Zong Hong HO
Niloy PUROHIT
Sing Ping LEONG
Tze Tak KUEH

Bachelor of Business (Management and Digital Media)

Aaron Pang Yuen TING
Bryan Zhi Yi JONG
Darren Dee Hieng YU
Elaine Yien Ni WONG
Elizabeth Siao Li TAY
Flinz Jing Ewe WONG
Grace Yu Xuan CHIENG
Jia Wei HUNG
Jubilee Le Xuan LAU
Kian Yong CHAI
Phylcia Yii Sing THEN
Qiao Wen LIM
Shirleen Yean Joo LIAW

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.

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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.

Bachelor of Computer Science

Aaron Ken Kiat LO
 Abdullah TAUFIQ
 Andrew Yong Xian HIEW
 Armann Waganer BIN MOHAMAD MUSTAQIM
 Chak Joo TAN
 Chang Sheng WONG
 Chao Sen CHONG
 Chia Haw TAY
 Chun Wei PANG
Claudia Chin Sing CHAI
 Daniel Chun Teck TING
Elaine Yi Ling TING
 Felix Guan Ren WONG
 Gabriel Kah Ming WONG
 Ida Pei Xin LEE
 Ivan Wei Chung TEO
 Ivy Sie Hie LING
 Jacklin Jia Fen KHO
 Jason Wen Xi LEE
 Jia Horng BONG
 Jia Wei LEE
 Jing Hong BONG
 Johnson Chin Yet WONG
 Jonathan Sze Yung LIAW
 Jonathan Yew Xian LIEW
 Jun Bin CHIN
 Jun Yu GAN
 Justin Hui Liang LAU
 Lap Xuan THONG
Leslie Yie Jiet LING
 Lutfi Omar Mahmud WELTON
 Maan YASSIN
 Mariny BINTI MOHAMAD JAMAL
 Michelle .
 Muhammad Irwan Ngo BIN HERMANTO @
 KHAIRUDDIN
 Munaamullah KHAN
 Mysha Nahiyen SHEMONTEE
 Natasia Chee Hui TING
 Nicholas Tiew Leong TING
 Nur Kamilia BINTI ABDUL SHUKOR
 Ryan Jing Thai LING
 Sheng Siang LAM
 Stephanie Ying Mei LIU
 Teck Ping LIM
 Veron Zhen Liang HII
Vibatha Naveen Jayakody JAYAKODY ARACHCHILAGE
 Wan Yie CHAI
 Wi Cong HON
 Yien Yang CHOO
Zainab YOUSAF
 Zong Chun HO

Bachelor of Information and Communication Technology

Agnes Serie ANAK GEORGIE
 Albert Kai Xian LEE
 Caesarean Sheehan CEIN
 Chun Kiat CHIN
 Derrick Qing Lee LU
 Eddy Khui Chiang YONG
 Jason Qin Hui LEE
 Jocelyn Kai Lin HII
 Kai Liang MAK
 Qi Cheng CHEN
 Thulani Mujaji MADONKO
 Wilson Zhi Hong VOON

Graduate Certificate of Information Technology

Tiffany Sze Ling LAW

School of Research

Master of Business [Research]

Jia Jing KUEH

Master of Engineering [Research]

Chung Yi LAI
 Jiancheng SHAN
 Josiah Qi YANG
 Rudy Vui Keong KO

Master of Information and Communication Technologies [Research]

Jasmin Ze Kee CHU
 Sophia CHULIF @ DOUGLAS CHULIP

Master of Science [Research]

Isaac ASANTE
 Lavinia Clarisa ANAK WICKLEM POLYCARP
 Victor Yong Cheng LIM

Doctor of Philosophy

Jin Quan CHANG
 Kingsley Hung Khai YEO
 Mohammed Shafer Ali MOHAMMED



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 Business (Research)

Jia Jing KUEH

Supervisor: Professor Lim Weng Marc

The Factors Influencing Customer Loyalty towards Islamic Banking in Malaysia: The Mediating Effect of Customer Satisfaction

This research studied on the factors (service quality, religiosity, corporate image and profit-loss sharing) that influence customer loyalty towards Islamic Banking in Malaysia as well as the mediating effect of customer satisfaction. The outcomes of this research will allow future researchers to refine the focus of study in a relevant field to improve customers' experiences with Islamic banks. Furthermore, Islamic banks and policymakers could alter their strategies or decision-making, resulting in a better economy in Malaysia.

Master of Engineering (Research)

Chung Yi LAI

Supervisor: Ir. Associate Professor Dr. Hudyjaya Siswoyo Jo

Integrated UAV-Based Automated Parking Monitoring and Enforcement System

This research presents an innovative approach to monitoring outdoor parking lots using flying drones and advanced computer vision. The system uses a drone to patrol the parking lot, capturing videos that are then analyzed to identify parking spaces and read license plates. This technological solution shows the potential to replace manual parking enforcement labor such as physical patrolling and issuing fines. Furthermore, the technology can monitor parking space availability and provide this information to parking users to help them find parking more easily. The technology is not limited to flying drones and can be implemented in various mobile devices.

Jiacheng SHAN

Supervisor: Associate Professor Ts Dr. Chai Chang Sa'ar

Implementation of Digital Twinning in the Malaysian Construction Industry

This study investigates the relationship between the implementation of digital twinning and construction project management performance, using Innovation Diffusion Theory (IDT) as a framework. It finds that the implementation of digital twinning significantly enhances construction project management performance, despite various challenges associated with the implementation, because these challenges do not notably affect the positive relationship established. Besides, it provides comprehensive guidance to the construction industry, delineating both positive and negative aspects of digital twinning implementation. This study also addresses existing research gaps, fostering a more accurate understanding of stakeholders and increasing awareness within the construction industry, particularly in developing countries.

Josiah Qi YANG

Supervisor: Ir. Dr. Lai Chean Hung

Design and Development of AGV-based IoT Solution for Greenhouse Environmental Monitoring

Precision farming today has seen wide adoption and has been developed to perform a wide range of applications including monitoring, irrigation, weeding and harvesting of crops. However, it is difficult to implement these systems on a large scale as the infrastructure and cost needed would scale along with it. This project will investigate this problem and attempt to formulate a solution by proposing and develop a mobile robot to be used on existing farms without the need for additional infrastructure and can serve as a platform for different functions from gathering sensor data to interacting with the plants directly.

Rudy Vui Keong KO

Supervisor: Dr. Soon Kok Heng

Microwave-assisted Graft Copolymerization of Methyl Methacrylate onto Wood Fibers and its Application in Wood Plastic Composites

The present research aims to investigate methods to improve the material properties of wood plastic composites (WPC). WPCs, like any other natural fiber reinforced polymer composite, have poor interfacial bonding between the hydrophilic natural fibers and hydrophobic polymer matrix. In this study, the graft copolymerization technique is successfully used as treatment on wood fibers prior to fabricating the polymer composite. The WPCs produced with grafted wood showed marginally improved tensile strength and reduced water absorption properties. In application, the improved material may be used as furniture or decking for enhanced durability especially in conditions of high humidity.

Master of Information and Communication Technologies (Research)

Jasmin Ze Kee CHU

Supervisor: Ir. Associate Professor Dr. Hudyjaya Siswoyo Jo

Artificial Intelligence for On Demand Insurance Recommendation

This research explores ways to improve how insurance options are recommended by comparing different approaches to analyzing data. It identifies the best methods for handling situations where certain information is limited and improves the accuracy of predictions. The study creates a system pipeline that suggests tailored insurance policies based on individual needs. This work helps insurance companies provide better, more personalized services, making it easier for people to find options that suit them, while also building trust and satisfaction in the process.

Sophia CHULIF @ DOUGLAS CHULIP

Supervisor: Dr. Mark Tee Kit Tsun

Cross-Domain Plant Classification with Triplet Networks

Automated plant recognition using deep learning remains challenging, specifically for species that lack training images such as those in tropical regions. Herbaria (dried plant specimens) images have been adopted to mitigate this shortfall since they are more accessible, however, it is hindered by the plants' appearance changes during the drying process. This research addresses the issue by exploring how deep convolutional neural network can be constructed to integrate images of plants in the field with herbaria for model training. The devised convolutional neural network has shown to better encapsulate herbarium-field features than conventional neural networks, making it an important reference.



Master of Science (Research)

Isaac ASANTE

Supervisor: Ts. Professor Lau Bee Theng

Segmentation-Based Dynamic Path Planning Using Depth Camera for Navigation by a Companion Robot

This research addresses the need for improved vision-based techniques in indoor robot navigation, benefiting fields like self-driving cars and assistive technologies in medical robotics. The study emphasizes the significance of identifying object positions and predicting safe navigation paths by treating scene perception as a general problem. The proposed approach combines deep learning and basic calculations to effectively understand scenes and predict paths. The research demonstrates the method's efficacy in accurately estimating person positions and achieving safe robot navigation. These findings contribute to the advancement of robot navigation, making it safer, more reliable, and applicable in diverse real-world scenarios, benefiting society.

Lavinia Clarisa ANAK WICKLEM POLYCARP

Supervisor: Associate Professor Ts. Dr. Hwang Siaw San

Machine Learning-driven Discovery of EBNA1 Inhibitors Against Epstein Barr Virus in Nasopharyngeal Carcinoma

This study addresses nasopharyngeal carcinoma (NPC), particularly common among Malaysians, by targeting Epstein-Barr virus (EBV) infection through the EBNA1 protein, which is crucial for EBV survival and NPC tumorigenicity. Using quantitative structure-activity relationship (QSAR) models in WEKA based on the AID2381 dataset, we identified ten potential EBNA1 inhibitors from the Enamine compound library. One compound, Z4133355762, selectively inhibited EBV-positive NPC cells (C666-1). Molecular dynamics simulations validated the interaction, demonstrating QSAR's effectiveness in streamlining drug discovery for NPC treatments.

Victor Yong Cheng LIM

Supervisor: Dr. Lee Ming Ha

Optimal Design of the Multivariate Synthetic Coefficient of Variation Chart based on Median Run Length

Control charts have been applied in many areas to improve the quality of goods and services. In this thesis, the optimal design of the synthetic multivariate coefficient of variation (Syn MCV) chart based on the median run length (MRL) is presented. Using the MRL, the 50th percentile of the run length distribution to evaluate the performance of the chart can have some advantages over the traditional performance measure, average run length (ARL). The overall result shows that the Syn MCV chart outperforms the standard MCV chart. Therefore, the Syn MCV chart has greater efficiency in monitoring and controlling processes.

Doctor of Philosophy

Jin Quan CHANG

Supervisor: Dr. Tan Vie Ming

Digital Inclusion among Elderly Consumers in Sarawak: Drivers and Barriers to Adoption of Wearable Health Technology

This study examined the acceptance of Wearable Health Technology (WHT) among elderly in Sarawak, Malaysia. Using the UTAUT model, the research investigated how performance expectancy, effort expectancy, social influence and facilitating conditions influence WHT acceptance, including the moderating effects of digital literacy and resistance to change. Survey results revealed the four UTAUT variables positively influenced WHT acceptance. Digital literacy moderated the effects of performance and effort expectancy on behavioural intention, while resistance to change moderated effort expectancy's influence on WHT acceptance. Mitigating resistance to change and improving digital literacy through targeted education and user-friendly interfaces can enhance elderly's WHT acceptance.

Kingsley Hung Khai YEO

Supervisor: Professor Lim Weng Marc

Understanding Financial Planning Behavior: Insights from Theory of Planned Behavior for Financial Planning

This study examines how financial satisfaction, financial socialization, mental accounting, and financial cognition, mediated by financial literacy, impact intentions toward financial planning behavior using the Theory of Planned Behavior. The findings led to the development of the Theory of Financial Planning Behavior, which posits that these factors directly influence the intention to adopt financial planning behaviors, such as tax, cash flow, investment, risk, estate, and retirement planning. This framework offers valuable insights for academics, consumers, managers, and policymakers in understanding and shaping financial planning behavior.

Mohammed Shaher Ali MOHAMMED

Supervisor: Professor Lim Weng Marc

Understanding the effects of risk perceptions and mitigations on high involvement purchase intention

This study examines how perceived risk affects high involvement purchase intention through a series of social experiments. For goods, risk relates to quality and durability, while for services, it's due to intangibility and unpredictable quality as consumers feel more risk with services because of inconsistent delivery and limited control. This study finds that effective strategies to reduce risk include guarantees, strong reputations, trusted recommendations, and transparent communication. Understanding these differences is key tool for marketers in influencing consumer behavior and in encouraging high involvement purchases through deploying well-suited risk mitigating mechanisms to help consumers overcome their risk perception.

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 one 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:

- Be champions of innovation, entrepreneurialism, agility and high performance;
- 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.



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