



Swinburne University of Technology Sarawak Campus, Malaysia

Graduation Ceremony Program

Wednesday 23rd March, Thursday 24th March & Friday 1st April 2022

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 Swinburne Alumni

 Swinburne University of Technology Alumni

Swinburne University Of Technology
Sarawak Campus, Malaysia

Graduation Ceremony Program

Wednesday 23 March 2022, 9.00am

School of Business

Wednesday 23 March 2022, 2.30pm

School of Business

Thursday 24 March 2022, 9.00am

School of Engineering

Thursday 24 March 2022, 2.30pm

School of Engineering

School of Chemical Engineering and Science

School of Information and Communication Technologies

Friday 1 April 2022, 9.30am

School of Business

School of Design and Arts

School of Engineering

Swinburne Research

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Information for guests



- 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 di tempat 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.

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.

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。接待委员会引领您入座，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。

ස්වීජ්ඛර්ථ තාක්ෂණ විශ්වවිද්‍යාලය ඔබට සාදරයෙන් පිළිබඳි. පහත සඳහන් කර ඇති තොරතුරු, උපාධි ප්‍රදානෝත්සවයේදී සිංච්ම අමුත්තන්ගේ පහසුව, ආරක්ෂාව සහ ආස්වාදය සහතික කිරීමට උපකාරවේ. එමනිසා, උත්සවයට පෙර මෙය කියවීම සඳහා කාලය වෙන් කර ගන්න.

සිංච්ම අමුත්තන් උත්සවය ඇරඹීමට මිනිත්තු 15කට පෙර අසුන්ගෙන ඉඳුය. උත්සවය අවසන් වීමට මිනිත්තු 90ක පමණ කාලයක් බැවිනි.

ආසන පෙන්වන අය විසින් ඔබට අමුත්තන් අසුන් ඔන්නා ප්‍රදේශය පෙන්වන 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 භාගුව වෙත පැමිණෙන අවස්ථාවේ සිට පාඩක බිංඳු භාගයා කර අවසන් වන තෙක්, අමුත්තන් සහ උපාධිධාරීන් හට සිටිමෙන් සිටින ලෙස ඉල්ලා සිටීමු.

අපගේ උපාධි ලබාදීමේ වාරිත්‍රය වන්නේ එක් එක් උපාධිධාරියාගේ නම කථා කරන විට ඔල්වරසන් දීමයි. සිංච්ම අමුත්තන් සහ උපාධිධාරීන්ව මෙම සම්ප්‍රදාය අනුව කටයුතු කරන ලෙසට අපි උනන්දු කරමු.

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

උපාධි ප්‍රදානෝත්සව අවස්ථාවේදී සිංච්ම ජංගම දුරකථන නිවා තිබෙන බවට වගබලා ගන්න.

හදිසියේ භාගාවන් ඉවත් කිරීමක් තිවේදනය කල අවස්ථාවක, කරුණාකර උපදෙස් අනුව කටයුතු කරමින් ලබාදී ඇති මාර්ගෝපදේශ අනුව හැකි විටෙක ස්ථානයෙන් පිටත්ව යන්න.



Message from the Pro Chancellor and Premier of Sarawak

Congratulations on your graduation.

As students of Swinburne, I believe that your life at the university has presented to you the opportunity to shape your views and character that is going to take you through your future working life. I also believe that your stay during the duration of your course has also well-imbued you with the attributes of Swinburne's 2025 Vision that should help you to be a well-rounded job taker or a job creator in a future world of work defined by technology, innovation and entrepreneurship. I am confident as graduates of Swinburne you are capable of bringing about change and the 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 been primed for "Innovative Enterprises" where agility, resilience and responsiveness that will give you the edge in the constantly changing and increasingly challenging business and work environment.

The COVID-19 pandemic has forced the Sarawak Government to realign its development strategies towards 2030 in order to stay on track to achieve a developed status by 2030. Whatever your future undertakings will be, they demand new skills and a shift in thought process to drive innovation and growth in creative and sustainable ways with the highest of personal and professional integrity.

Today, your graduation is also a celebration for your loved ones who have stood by and encouraged you throughout your university education at Swinburne. 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 beyond. I am certain that you have made lifelong friendships during your stay and if you are from outside Sarawak, may you have fond memories of this Land of the Hornbills. Sarawak always welcome you back in the future.

Thank you.

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

Message from the Vice-Chancellor



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

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

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

Whatever your calling, your Swinburne experience will help open many doors.

You graduate today not just with deep knowledge of your disciplines, but with distinct attributes that will set you apart in your fields.

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

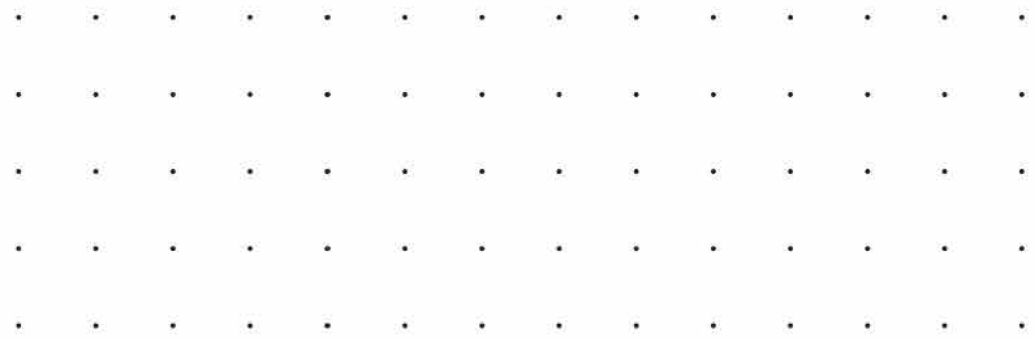
I look forward to your ongoing engagement with us and wish you the very best for your future.

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

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

Congratulations.

Professor Pascale Quester
Vice-Chancellor and President



Message from the Chairman of the Board of Directors

On behalf of the Board of Directors, heartiest congratulations to all graduates.

Together with your family members, friends and dedicated Swinburne staff who have taught you throughout your studies, 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 university journey.

I am 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 better prepared you 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 be part of 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 point for further achievements. I hope your experience at Swinburne Sarawak has enriched your growth as an individual and open many opportunities for you in the future.

Once again, congratulations.

The Honourable
Tan Sri Datuk Amar (Dr) Haji Mohamad Morshidi Bin Abdul Ghani
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.

The arms

The basic colours of red and white, and the cinquefoils charged on the shield, commemorate the arms of the Swinburne family.

The crest

The demi-Boar and the cinquefoil perpetuate the Swinburne connection; the book is symbolic of learning.

The motto

The College of Arms' translation of the motto is: Achievement through learning.

The flag

The basic colours of red and white with cinquefoils.

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 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 Datu Haji Len Talif Bin Salleh, the former General Manager.

Ceremonial regalia

Chancellor

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

Deputy Chancellor

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

Vice-Chancellor

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

Deputy Vice-Chancellors

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

Members of Council

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

Academic and administration staff

Academic dress for their qualifications, or the Swinburne equivalent.

University Council Swinburne Melbourne

Chancellor

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

Deputy Chancellor

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

Vice-Chancellor and President

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

Chair of the Academic Senate

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

Councillor

Mr Andrew Dix, BCom(Melb), FCA, PMIIA, GAICD,
SrMgtPgrm(Columbia University NY)

Councillor

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

Councillor

Ms Vi Peterson, BCom(Ec)(Melb), GradDip CorpFin(SUT)

Councillor

Ms Renée Roberts, BBus(Eco/Mktg)(SUT),
MAppFin(Macquarie), GAICD, SFFinsia, Fellow WCLP,
AMP(Harvard)

Councillor

Ms Tess Robb

Councillor

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

Councillor

Mr John Chambers, BEC (MU), GAICD

Councillor

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

Councillor

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

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



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

The Honourable Tan Sri Datuk Amar (Dr) Haji Mohamad Morshidi Bin Abdul Ghani BEcon(UKM), MSc(Scranton), DUniv(honoris causa) (SUT), P.S.M., D.A., J.S.M., P.G.B.K., P.P.C., P.P.B.

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

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

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

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

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

YBhg Datuk (Dr) Philip Ting Ding Ing AM(Aus), BBus(SUT), DUniv(honoris causa) (SUT), CA(Aus), CA(M), CPA(M)

YBhg Datuk Wan Ali Tuanku Yubi DipEd(UM), DipCom, BEcon(UM), MEd(Birmingham)

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

Dr Andrew J Smith BSc(Hons), PhD(Melb)

Professor John Wilson, BE(Hons)(Monash), MSc(California), PhD(Melb)

Ir. Professor Lau Hieng Ho BEng(Hons)(Civil), PhD, MIEM, P.Eng, MIEAust, CPEng, NER

YBhg. Datu Jumastapha Bin Lamat

YBhg. Datin Aisah Eden

Dr. Norisah Binti Suhaili

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

En. Mohamad Adzlie bin Ibrahim

Elected by Academic Staff
Professor Lim Weng Marc BBusCom (Hons) First Class, PhD (Monash – Group of Eight, AU); CCL, CEL, CHPL, CME (Cornell – Ivy League, US); CAEL, CHEP (Harvard – Ivy League, US); GCLT (Swinburne – GPA 4.0)

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

Elected by Students
Ms. Bernice Ting Jing Shuen

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

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

Academic regalia

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

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

Honorary doctorate

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

Honorary master degree

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

Doctor of philosophy

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

Professional doctorate

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

Double masters degree

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

Masters degree

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

Graduate diploma

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

Graduate certificate

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

Bachelor honours degree

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

Double bachelor degree

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

Bachelor degree

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

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 23 March 2022, 9.00am

Participating officers

Pro Vice-Chancellor and Chief Executive Officer
Ir. Professor Lau Hieng Ho, BEng(Hons)
(Civil), PhD, MIEM, P.Eng, MIEAust, CPEng, NER

Executive Dean (Academic)
Ir. Professor Sim Kwan Yong, Beng (Hons)(UKM),
MCompSc(UM), PhD(SUT), P.Eng, CEng, MIET, MIEEEE, CFTL

Acting Dean, Faculty of Business, Design and Arts
Professor Lim Weng Marc, BBusCom (Hons) First Class,
PhD (Monash – Group of Eight, AU); CCL, CEL, CHPL, CME
(Cornell – Ivy League, US); CAEL, CHEP (Harvard – Ivy
League, US); GCLT (Swinburne – GPA 4.0)

Master of Ceremonies
Norizan Tan, MA (TESOL) (SUT), PGrad Dip (TESOL) (RELC),
BEd (Hons) (TESL) (UITM)

Mace Bearer
Ir. Dr. Choo Chung Siung, BEng (Hons), PhD (Swinburne),
Grad. IEM, A.M. MGS, Grad. IEAust

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

Order of proceedings

The Academic Procession

The Official Party Procession

The academic and official party procession will enter the Great Hall at 9.00am.

Music Processional

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

The National Anthems

The audience will sing the Malaysian National Anthem (Negaraku)

The audience will sing the Sarawak State Anthem (Ibu Pertiwiku)

The audience will sing the Australia National Anthem (Advance Australia Fair)

(Please refer to the last page for the lyric)

The audience will sit when the Presiding Officer is seated.

Doa recital.

The Opening

The Executive Dean (Academic), Ir. Professor Sim Kwan Yong will open the proceedings.

The Presentation of Awards

The Pro Vice-Chancellor, Ir. Professor Lau Hieng Ho will present the awards.

The Charge to Graduates

The Pro Vice-Chancellor, Ir. Professor Lau Hieng Ho will deliver the charge to the graduates.

The Closure

Master of Ceremonies 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

School of Business

Bachelor of Business (Accounting)

Abdul Azim BIN SAID
 Amelia Shu Min LEE
 Anastasia Malan HENRY
Angel Ying Ru CHIN
 Annie Qin Wen KIU
 Ariana Suk Eng CHONG
Asfand BIN ADIL
Bing Hong TANG
 Chen Fuh CHIEW
 Chen Hong TAY
Choon Thing HO
 Christopher Lee Siong TIONG
 Chun Yung CHANG
Connie LEE
 Daniel Soon Liang CHEW
 Ding Yii DONG
 Dylan Lian Zheng LOO
 Emily Zhi Ying WONG
 Fericka
Gabriel Yiew Shen BONG
 Gregory Check Chung LIM
Hashim Naeem SHEIKH
 Helen Wang Xin LI
Hui Onn HUI
 Irene Jia LING
 Jia Hui CHIEW
 Jia Yi TAI
 Joan Meei Chin TING
 Jonathan Tuong Seng LOH
 Judith Siong Ping WONG
 Kie Hui YONG
 Linda Yih Cing WONG
 Mee Ling WONG
Michelle Sze Yee TAN
 Mischelle ANAK ALI
 Nas Hanini BINTI NASIR
 Nur Afiqah BINTI MOHAMAD
 REDZUAN
 Patricia ANAK PETURS
 Ricky Ting Kang SIM
 Shannen Ik Lin POH
 Shirley Ann Chee LING
Tony Zi Wei LIM
 Xiao Wen TENG
 Yan Tong CHEN
 Yen Ping TAN
 Ying Yong GOH
 Yit Lin TANG

Bachelor of Business (Accounting and Finance)

Agnes Li Ying TAN
 Ai Kuen LIEW
Alice Chai Yin KIEW
Alice Xiu Zhen JONG
 Alicia Mei Fen FOO
 Alyssa Zhi Ying KONG
 Amy Su Tin LAU
Andrian Neng Hou TEE
 Ann Lene KONG
Asyraf Khan BIN ASGAR KHAN
Bo Hang KOH
Caryn Teck Rhong CHEU
 Catherine Siew Ying CHAN
 Chen Hung CHUNG
 Chia Hui BUN
 Chie Ing TING
 Chorng Yong LEE
 Corina Jie Ron LAW
 Corinna Ding Hui TING
 Daniel Jun Ho SU
Danuka Kosiya SENANAYAKE
 Dayang Nurjayna Syazuana
 BINTI AWANG JAYA
 Edwin Yong Siang LAU
 Eileen Yunn Lin VOON
Erene Shi Ting YEO
Evan Yong Jie KUEH
 Fang Thing CHAI
 Flora Sze Ai CHAN
Gene Jet Shin TING
 Hui Yee WONG
 Hui Yi HON
Ivan LOH
 Jacklyn ANAK DANNY
 Jamie San San LING
 Janice Pei En CHAI
 Jia Xian TAI
 Jing Ni SIEW
 Jing Shen WONG
 Joanne Xiao Ni WONG
 Jordan Ahmad CHIA
 Joo Boon KUEH
 Jordan Meeng Liang CHAI
 Joshua Jonathan Sheng Kai LAU
Juventus Tan Hai ENG
Kai Siang LUK
 Karen Jia Yi CHAI
 Kelvin Jian Wei LOH
 Khai Hoong JONG
 Krishaveni A/P KALIYANI
 Lih Ching CHAN
 Lyn Ee LAU

Marissa Jayne RICHARD
 Meei Dan WONG
 Melaine Yii Lian CHAI
 Melissa May Zhi CHONG
 Melissa Tze Yin CHOO
 Melissa Ying LIM
 Melvin Yuan Khai VOON
Michelle ANGELICA
 Michelle Lee Jie CHEN
 Ming Haw YEO
 Ming Xuan LUI
Mohammed Nafiu SARKI
 Nai Thong HUONG
 Natalie Leh Sing LING
 Ngiap Ming KHO
 Penny Jia Wen TAN
 Peter LING
 Phei Fen CHEE
 Philip Karr Chun CHOO
Raymond Tawanda KUFANDIRORI
 Shu Qi TEO
 Siaw Chin LI
Silas Tuan Yong PHUA
 Sofia Shu Yi NG
 Sze Hui CHUO
 Sze Ping CHONG
Takunda Ray JONGA
 Tiffany Xiao Wen WONG
 Ting Sheng WANG
 Tracy Wen Jie CHAI
 Tristan Hui Teng LAW
 Victor Ka Seng HOAN
 Wan Kei THAM
Wee Jing LIM
Wen Lin ONG
 Xin Yi OU
 Young Choo WONG
 Yunn Wen ONG
 Zhuo Yii LIEW
 Zi Hau SU

Wednesday 23 March 2022, 2.30pm

Participating officers

Pro Vice-Chancellor and Chief Executive Officer

Ir. Professor Lau Hieng Ho, BEng(Hons)
(Civil), PhD, MIEM, P.Eng, MIEAust, CPEng, NER

Executive Dean (Academic)

Ir. Professor Sim Kwan Yong, BEng (Hons)(UKM),
MCompSc(UM), PhD(SUT), P.Eng, CEng, MIET, MIEEEE, CFTL

Acting Dean, Faculty of Business, Design and Arts

Professor Lim Weng Marc, BBusCom (Hons) First Class,
PhD (Monash – Group of Eight, AU); CCL, CEL, CHPL, CME
(Cornell – Ivy League, US); CAEL, CHEP (Harvard – Ivy
League, US); GCLT (Swinburne – GPA 4.0)

Master of Ceremonies

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

Mace Bearer

Ir. Dr. Choo Chung Siung, BEng (Hons), PhD (Swinburne),
Grad. IEM, A.M. MGS, Grad. IEAust

Doa Reciter

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

Order of proceedings

The Academic Procession

The Official Party Procession

The academic and official party procession will enter the Great Hall at 2.30pm.

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)

The audience will sing the Sarawak State Anthem (Ibu Pertiwiku)

The audience will sing the Australia National Anthem (Advance Australia Fair)

(Please refer to the last page for the lyric)

The audience will sit when the Presiding Officer is seated.

Doa recital.

The Opening

The Executive Dean (Academic), Ir. Professor Sim Kwan Yong will open the proceedings.

The Presentation of Awards

The Pro Vice-Chancellor, Ir. Professor Lau Hieng Ho will present the awards.

The Charge to Graduates

The Pro Vice-Chancellor, Ir. Professor Lau Hieng Ho will deliver the charge to the graduates.

The Closure

Master of Ceremonies 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

School of Business

Bachelor of Business

Jing Xian CHAI
Jocelyn Ai Fang CHAN

Bachelor of Business (Finance)

Absaar Ali DAR
Adrian Jia Rong HO
Francis Kwong Huui KIU
Jason Zen Soon YONG
Joey Siaw Hoon YEO
Ju Qian HEE
Karthini Devy *AVP BALAKRISHNAN*
Kevin Ching Ong CHUNG
Kingsley Hung Khai YEO
Louis Jin Kai CHAN
Melissa Chiew Yee WEE
Michael Wijaya NG
Ramy Hossam Mohamed HAMDY FARAG
Su Ping TANG
Woei Shen KOH
Yik Sian KHOO
Zuleikha Mohamed MKWATA

Bachelor of Business (Human Resource Management)

Abang Muhammad Faiz BIN ABANG ZAIDI
Callista Jin Ying YONG
Celeste Jee Wee LAU
Clarice Celeste Ruey Jen TING
Constance Chia Yee NGU
Ding Haw TING
Esther Lok Hie TANG
Fui Sing JONG
Innocent Obinna EKEZE
Nurul Aida JULAIHI BADROL
Rangarirayi Tapiwa David CHIKANDIWA
Sherdynam Ozza ANAK NIPONI
Shirley Mia NYIPA
Si Ying CHANG
Yan Qing YEOH

Bachelor of Business (International Business)

Abdalla Hassan AHMED HASSAN AHMED
Ali Ashraf SHANTO
Ali NABIH ASLAM
Allea BINTI AHMAD MUSTAFA
Anne Vianney LAW
Azri Hazwan BIN CHAITI
Boda Hennadige Sasini Kaushika WICKRAMASURIYA
Boon Poh ONG
Cedric Kwang Yuen ANG
Christian Bara ANAK PETER
Diniy Najjy BIN ZAIDI YUSRAN
Elvis Kang Wei TAI
Jacobus Strauss GERSTNER
Jaideep Singh SANGHA
Jin Hao YONG
Jin Lin KONG
Joyce ANAK GREG
Kai Ik LIM
Ken Tze Sien LEE
Megan Benny YEO
Napier Lah Aseng BIN TENG GOI @ CHARLES TENGGOI ASENG
Safina BINTI ISMAIL
Samantha Ee Wen LIEW
Sarah Levan SAGAN
Shu Cheng LIM
Sibbir Ahmmed SIHAN
Tatyana BASTRYGINA
Wei Hong LEONG
Yan Yee CHUNG
Yuh Kuan LEE

Bachelor of Business (Management and Digital Media)

Helend
Jing Tong CHUNG
Ker Yee SOO
Pei Pei TOH
Stella Sheng Ti WONG
Wayne Xun Cheng TIONG

Bachelor of Business (Management)

Alester Amos ANAK JAPING
Alex Jia Cxen KHO
Amir Hamzah BIN SAFUANI
Angeline Cheah Joo ONG
Anna Siew Ying WONG
Aquila Amber ANAK ANDREW
Chai Chin LIM
Chant Tze CHAI
Christina Bing Bing TANG
Diana Hui Joe KHOO
Elleshya Faye Yie LEONG
Elline ANAK ELIAS
Fang Qing OH
Hana Alvina *AVP MORGAN*
Ingrid Iona NAIS
Isabel Jia Yee NGO
Jackie Gerang ANAK JOHNARY
Jennifer Wee Ni WONG
Jenny Ker Tieng NGU
June Zhia En LEE
Jyh Long KUEH
Kar Shin LIEW
Kenney Sean ANAK KILAT
Krissie E-Huie CHONG
Lezz Mellon ANAK LEBANON
Melvin Seng How TAN
Mohammad Asyraff BIN MOHAMMAD ALI
Nabihan BIN NAWAWI
Nelson Yee Ching NG
Pei Pei CHUNG
Rachel Zifang TANG
Shin Yee LAI
Theng Theng CHONG
Thomas Sing Khai YU

Bachelor of Business (Marketing)

Bernadette Christine ANAK FRANCIS
Celine Lu Phing NGU
Chia Yie THO
Cleon Yee Shung LIM
Daniel Ka Liong LOO
Ei Peng BONG
Frederick Yeow Hui GOH
Gerard Jiun Jye WONG
Grace Ying Yi TING
Jonathan Ding SAGAN
Rachmadan Rizky Dwi PUTRANTO
Selvester Chun Yi GOH
Shenlynn Zi Qing ANG
Sophia Janet ANAK JOHNARY
Tze Hien CHAN
Yi Jing TAN
Zayyidah BINTI MOHAMMAD ZAIDI

Thursday 24 March 2022, 9.00am



Participating officers

Pro Vice-Chancellor and Chief Executive Officer
Ir. Professor Lau Hieng Ho, BEng(Hons)
(Civil), PhD, MIEM, P.Eng, MIEAust, CPEng, NER

Executive Dean (Academic)
Ir. Professor Sim Kwan Yong, Beng (Hons)(UKM),
MCompSc(UM), PhD(SUT), P.Eng, CEng, MIET, MIEEE, CFTL

Dean, Faculty of Engineering, Computing and Science
Ir. Professor Su Hieng Tiong, PhD (Birmingham), BEng (Hons)
(Liverpool)

Master of Ceremonies
Norizan Tan, MA (TESOL) (SUT), PGrad Dip (TESOL) (RELC), BEd
(Hons) (TESL) (UiTM)

Mace Bearer
Ir. Dr. Choo Chung Siung, BEng (Hons), PhD (Swinburne), Grad. IEM,
A.M. MGS, Grad. IEAust

Doa Reciter
Mr. Mohammad Safaree Sapuan

Order of proceedings

The Academic Procession

The Official Party Procession

The academic and official party procession will enter the Great Hall at 9.00am.

Music Processional

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

The National Anthems

The audience will sing the Malaysian National Anthem (Negaraku)

The audience will sing the Sarawak State Anthem (Ibu Pertiwiku)

The audience will sing the Australia National Anthem (Advance Australia Fair)
(Please refer to the last page for the lyric)

The audience will sit when the Presiding Officer is seated.

Doa recital.

The Opening

The Executive Dean (Academic), Ir. Professor Sim Kwan Yong will open the proceedings.

The Presentation of Awards

The Pro Vice-Chancellor, Ir. Professor Lau Hieng Ho will present the awards.

The Charge to Graduates

The Pro Vice-Chancellor, Ir. Professor Lau Hieng Ho will deliver the charge to the graduates.

The Closure

Master of Ceremonies 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

School of Engineering

Bachelor of Engineering (Civil) (Honours)

with credit

Ahmed Maged Anwar AGGOUR
 Albert Zhang Song HU
 Aldington Jian Cheng LIU
 Amanda Shi Ding BONG
 Amin Eng Yong SIM
 Ammar NAZAR HANIFA
 Anita May Chie WONG
 Benedict Kuok Hong CHIN
 Chien Ping LEE
 Cosmas Han Ming PANG
 Dahlia Xin Lin CHAN
 Evena Shallonia FUNG
 Fozayel AHMED
 George Zhi Xuan LEE
 Gertrude Audrey ANAK JOANIS
 Jeganathan NIVETHAN
 Kelly Xin Yii KHO
 Kian Eng YEAP
 Kinslee Konnel ANAK RUBIN
 Li Yeng Jack LAU
 Liyanwalagama Appuhamilage Yuhani
 Pamodha WIMALARATNA
 Louis Bao Xun TING
 Malik FAHAD
 Mark SIGAR
 Mc Cleve Christopher FOO
 Mohammad Zul Hilmi BIN ABDULLAH
 Osbert Seng Toong WONG
 Rachel Jia Yun HU
 Rahma Nasser Saif Nasser AL-MAMARI
 Raymond Tiong Lik CHIEW
 Roy Mbichire MUTHIGA
 Sarah Laong ANAK MEDANG
 Stephen Jie Sheng KUEK
 Teck Lee KLING
 Tin PHYOE KHANT
 Tsering Kalden Ning Xin TAN
 Victor Howe CHONG
 Vishmi Navodya MARASINGHE
 Yea Li CHIEW
 Yun Tzen WONG
 Zse Rui YEO

with distinction

Addison Jian Wei LIU
 Caryn Syn Lyn KUEH
 Chee Han LIM

Clement Yii Ling HUI
 Colin Kee CHIAM
 Darryl Jia Geng KHO
 Denis Jia Pin CHIN
 Dickson Kiong Lee HEU
 Jeffery Lee Siong TING
 Kenneth Kai Zhiing JONG
 Ming Han CHAI
 Patrick Kai Kiong SIA
 Rahma Mohamed MKWATA
 Raymond Jia Wei LAW
 Sieng Shiong LIU
 Tiiong Tiing WONG
 Zheng Chan HO

with high distinction

Cherlene Wee Phing YONG
 Jit Boon BONG
 Ling Ying TANG
 Sharon Ying Ying TAY
 Sie Leong WONG
 Swee Chen ANG

Bachelor of Engineering (Electrical and Electronic) (Honours)

with credit

Abdulrahman Mohammed Alawi BIN SAHL
 Benedict Ting Tsiang NG Derisee
 Shao Ting TANG
 Desmond Yu Siong TING
 Eric Pak Jun WONG
 Irenaeus ANAK EUSTANCE
 Jia Yen CHOO
 Kamila KASSIMANOVA
 Kenny Yit Kian VOON
 Melvin Chun Chiak KHO
 Nur Ezzati BINTI MAHMUD
 Saad TARIQ
 Sabrina ANAK ROGER
 Stefi ANAK ANGU
 Yi Yu YAP

with distinction

Brian Ban Seng LIM
 Darren Ming Hui TEO
 Hung Kern CHUA
 Lee Chuen VOON
 Maxentia Chiet Chiet ONG
 Mohamed Ashfaaq MOHAMED RIPHQE
 Siew Kee LO
 Wei Long CHUA
 Wei Ming CHOONG
 Yi Ni LING

with high distinction

Lee Soon TAN
 Ting Rang LING
 Yun En LEE

Bachelor of Engineering (Mechanical) (Honours)
 Awais Ahmad BAJWA
 C M Ziaul HAQUE
 Dunesheke Prasham Gerard Vas GUNAWARDENA

with credit

Alif Haziq BIN ROSLAN
 Aminul Akmal BIN MOHD DAUD
 Chee Liang HUI
 Chian Jin CHONG
 Chu Lee YONG
 Desmond Yek Sheng CHOO
 Emesh Shenal Peter MELDER
 Fabian Chen Hong PHANG
 Gabriel ANAK PHILIP
 George Kalokola FERUZI
 Hamza SIDDIQUI
 Hephlin ROBIN
 James Kueh Hung LEE
 Kai Yuan TEH
 Mohammad Ahsan ASAD IQBAL
 Peter Adam ANAK MAHDA @ ALFRED PADA
 Tasha Sie Ming LAI
 Tat Leong YIP
 Tzi Wei POH

with distinction

Edmund Chia Heng TEH
 Edwin Yew Teck BONG
 Gary Casper ANAK SUKI
 Jareth ANAK JACK
 Jim Zung Huei LEE
 John Teck Hui LOW
 Lip Siang YEO
 Pei Ping NGU
 Rudy Vui Keong KO
 Steven Wee Soon LEE
 Wei Siang LAU

with high distinction

Kelvin Hou Kiat LEE
 Pei Chien BONG
 Shin Fatt CHOW
 U-Joe CHEAH
 Wei Hou LU
 Weng Hong CHEE
 Yui Haw WONG

Bachelor of Engineering (Mechanical) (Honours) / Bachelor of Business

Muhammad Afwan IRFAN

with credit

Ahmad Zaky ISWANI

with distinction

Alvin Xiang Rong ANG
 Junn Yao LOH

Thursday 24 March 2022, 2.30pm



Participating officers

Pro Vice-Chancellor and Chief Executive Officer
Ir. Professor Lau Hieng Ho, BEng(Hons)
(Civil), PhD, MIEM, P.Eng, MIEAust, CPEng, NER

Executive Dean (Academic)
Ir. Professor Sim Kwan Yong, Beng (Hons)(UKM),
MCompSc(UM), PhD(SUT), P.Eng, CEng, MIET, MIEEEE, CFTL

Dean, Faculty of Engineering, Computing and Science
Ir. Professor Su Hieng Tiong, PhD (Birmingham), BEng (Hons)
(Liverpool)

Master of Ceremonies
Norizan Tan, MA (TESOL) (SUT), PGrad Dip (TESOL) (RELC), BEd
(Hons) (TESL) (UiTM)

Mace Bearer
Ir. Dr. Choo Chung Siung, BEng (Hons), PhD (Swinburne), Grad. IEM,
A.M. MGS, Grad. IEAust

Doa Reciter
Mr. Mohammad Safaree Sapuan

Order of proceedings

The Academic Procession

The Official Party Procession

The academic and official party procession will enter the Great Hall at 2.30pm.

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)

The audience will sing the Sarawak State Anthem (Ibu Pertiwiku)

The audience will sing the Australia National Anthem (Advance Australia Fair)
(Please refer to the last page for the lyric)

The audience will sit when the Presiding Officer is seated.

Doa recital.

The Opening

The Executive Dean (Academic), Ir. Professor Sim Kwan Yong will open the proceedings.

The Presentation of Awards

The Pro Vice-Chancellor, Ir. Professor Lau Hieng Ho will present the awards.

The Student Response

Mr. Chung Yi LAI will deliver the student response.

The Charge to Graduates

The Pro Vice-Chancellor, Ir. Professor Lau Hieng Ho will deliver the charge to the graduates.

The Closure

Master of Ceremonies 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

School of Engineering

Bachelor of Engineering (Robotics and Mechatronics)(Honours)

B'Jorn Antonio George STERLING

with credit

Chung Yi LAI
Dylan Wee Chiang PHIONG
Henry Kian Boon WEE
Hui En CHAN
Kenny KUEK

Mohamaed Osman Babiker AHMED
Mohd Afiq Zulfadhli BIN MOHD RAFIQUE

with distinction

Christine Guong-Minn LOI
Kyaw Hlaing BWAR
Md Al Fayshal Bin Shiraj SHUVO
Michael Geng Wu WONG
Mirza Tauheed Shah BAIG
Obaid Rafiq JAN
Pak Kheng CHAN

with high distinction

Wan Xin HOR
Zhen Hui KOK

School of Chemical Engineering and Science

Bachelor of Engineering (Chemical) (Honours)

with credit

Barbara Sendi NORMAN
Danielle Eh Shian TEO
Duncan Jia Quan JONG
Edha Omary Islam EIFAN
Ian Chen Yang KON
Isobel Joo Xing YONG
Jenna VENKATASAMI
Jonathan Lin Yang CHENG
Jung Lin WONG
Lynn Njeri KIRAGU
Nahrend Krishnan AVL K S KRISHNAN
Swee Ping NG
Venessa Siao Hui CHOO

with distinction

Abdimajid Mohamed ADEN
Andy Kai Wen LAW
Frederick Jit Fook PHANG
Gracylla Rose ANAK GUNCHENG
Jeremiah Jia Ler CHOO
Michelle Jing Ying TOH
Nur Azmina BINTI ZAINUDDIN
Slyvester Yew Wang CHAI
Suk Sing YEE
Yu Heng THEN
Zhi Xiang KHO

with high distinction

Jason Yi Juang YEO
Simon Ing Xun TIONG

Bachelor of Science (Biotechnology)

Andrian Eik Ong LAU
Deborah Ann LEE
Eunice Shuk Hui LIM
Faisal Raiyan HUDA
Felicia Sin Yii KHO
Florian Ai Lun JONG
Gei Enn TAN
Ger Yuan GAN
Ida Ying BONG
Jia Yu CHIA
Leon Siew Leong WONG
Luke Shakti WEISSMANN
Rose Hui Chin JONG
Sureka A/P PUNNIYA SILAN
Yenny Yen Yen YEO
Yi Xiang PHANG
Zhang Ru BONG

School of Communication and Information Technologies

Bachelor of Computer Science

Ali Elmahdi IBRAHIM ELMAHDI ZAHKAN
Almira Putri SANDY
Atiqul ISLAM
Casimir King Sen HIL
Chin Shu NG
Chong Sien CHUNG
Clarence Hua Sheng CHHOA
Damon Ka Poh KOO
Daniel Ken Ian DING
Dickson YEO
Ee Yang TEO
Florence Hui San TEO
Gamhelagedara Ahamed Imaad WAHID
Hamza AMIR

Hoang HUY AN
Hwee Seng LAU
Ivan Kay Ho GO
Jeremy Hong Hing TOH
Jeremy Zengxiang TAN
Jin Hong BONG
Joshua Kim Ming NG
Khaled ABUL KALAM
Madelin PEREIRA
Mohammed Al Mukhtar Abdullah AL HARTHI
Ned Azariah NG
Nicole Yu Chia LAU
Nigel Tze Fei GOH
Puong Hock HIL
Roni MOLLA
Sing Hong LEI
Steven Lian Leong SIE
Sze Cheng BONG
Wen How KHO
Willone LIM
Yi NG

Bachelor of Communication and Information Technology

Abdullah Khalid MAHMOOD
Alibek MARATOV
Anuar KOPZHASSAROV
Cheng CHONG
Chin Pok LEONG
Daria KUZNETSOVA
Gabriel Richard Wei Charn CHIA
Heyward Maxwell Pengabang ANAK SUEL
Ivan Chandra TANUWIJAYA
Jed Jun Ren HO
Juang Yi CHONG
Juiin Huat WONG
Julian Chung King WONG
Keith Bryan Song Sheng LING
Khaled Yahya Mohamed Mahmoud EL KARAZLE
Konstantin PAK
Nathaniel Li Ming KOH
Nouman Ahmed KHAN
Roderick Aaron MOMIN
Sharon Xin Yi CHAI
Stephen Sui Hui CHIONG
Tasdid HOSSAIN
Temirlan KHAIRYRMULLIN
Yuan Hao SOON

Friday 1 April 2022, 9.30am

Participating officers

Pro Chancellor and Premier of Sarawak

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

Pro Vice-Chancellor and Chief Executive Officer

Ir. Professor Lau Hieng Ho, BEng(Hons) (Civil), PhD, MIEM, P.Eng, MIEAust, CPEng, NER

Executive Dean (Academic)

Professor Ir. Dr. Sim Kwan Yong, BEng (Hons)(UKM), MCompSc(UM), Phd (SUT), P.Eng, CEng, MIET, MIEEE, CTFL

Dean, Faculty of Engineering, Computing and Science

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

Executive Dean (Research), School of Research

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

Acting Dean, Faculty of Business, Design and Arts Professor

Lim Weng Marc, BBusCom (Hons) First Class, PhD (Monash – Group of Eight, AU); CCL, CEL, CHPL, CME (Cornell – Ivy League, US); CAEL, CHEP (Harvard – Ivy League, US); GCLT (Swinburne – GPA 4.0)

Master of Ceremonies

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

Mace Bearer

Ir. Dr. Choo Chung Siung, BEng (Hons), PhD (Swinburne), Grad. IEM, A.M. MGS, Grad. IEAust

Doa Reciter

Mr. Mohammad Safaree Sapuan

Music

Music provided by The Royalist Piper (Royal Malaysian Police)

Order of proceedings

The Academic Procession

The Official Party Procession

The academic and official party procession will enter the Colosseum at 10.00am.

Music Processional

The audience is requested to stand as the procession enters the Colosseum.

The National Anthems

The audience will sing the Malaysian National Anthem (Negaraku)

The audience will sing the Sarawak State Anthem (Ibu Pertiwiku)

The audience will sing the Australia National Anthem (Advance Australia Fair)

(Please refer to the last page for the lyric)

Doa recital

The Opening

The Pro Vice-Chancellor, Ir. Professor Lau Hieng Ho will open the proceedings.

The Presentation of Awards

The Pro Chancellor, The Right Honourable Datuk Patinggi Tan Sri (Dr) Abang Haji Abdul Rahman Zohari Bin Tun Datuk Abang Haji Openg will present the awards.

The Student Response

Ms. Sara Nadia binti Suib will deliver the student response.

The Charge to Graduates

The Pro Vice-Chancellor, Ir. Professor Lau Hieng Ho, will deliver the charge to the graduates.

The Closure

Master of Ceremonies will close the proceedings.

The audience is requested to remain standing as the procession, joined by the new graduates, leaves the hall. The audience will leave the Colosseum 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

School of Design and Arts

Bachelor of Design

(Multimedia Design)

Amylia Rachel BINTI NICHOLAS UGUL

Angelyn Wei Ling LIM

Chia Yi THO

Cindy Sing Ting CHIEW

Ellen LAW

Jaslyn Yin Iyng TAN

Jason Yong Shen TAN

Joanne Aren WONG

Johnny Meng Han CHAI

Jonathan Lee Chuan LAU

Jordan Chung Hong SIM

Joshua Seng Loong SIM

Kathleen Nita ANAK PHILIP

Lijin ZHANG

Nur Syafiqah BINTI ISHAK

Parry Li Cenn LAU

Rachel Sze Tiing YONG

Sherlyn Wei Xuan CHEN

Stephanie Yik Ching LEONG

Stephenie Hui Hui BONG

Sze Yu Catherine KUO

Weennis ANAK JULIET PANJAI

Xinyan ZHOU

Zhe Hao LIM

Master of Arts (TESOL)

Jasmine Kia Mian NG

Sharon Suk Shieng CHAN

Master of Business Administration (International)

Andra Yin Yin CHONG

Ariana Suk Eng CHONG

Audryndareen ANAK AUGUSTINE

Bernice Hui Ern ANG

Chengji ZHANG

Cherie Li Yi FOO

Christopher Cheng YU

Chung Sien LEE

Clarice Sze Wee CHUA

Darrell Issac Geating ANAK JAME

Elleshya Faye Yie LEONG

Fabian Chun Hsien CHIN

Gabriel ANAK MALCOLM JINUS

Hong Ping NG

Jin Quan CHANG

Jodan Ahmad CHIA

Katy ANAK ADIDA

Ley Tuck TAN

Meng Guan NG

Mohammed Shaher Ali MOHAMMED

Nurlida BINTI MOHAMAD SALLEH

Razmy ASSIM

Sara Nadia BINTI SUIB

Stella Wei Jing VONG

Susie ANAK AMBIN

Thananjayan YOGESHWARAN

Yih Kong WONG

School of Engineering

Master of Construction Management

Hatem Raafat Ramsis KAMEL

Muhammad Hamza KHAN

Olga POSTNIKOVA

Omar Sabry ABDELAAL ALI

Sii Yu TING

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]

Emily ANAK ROGOS

Thesis title: *Factors Affecting Participation in Community Based Ecotourism Programs: A Case Study of Communities in the Padawan District, Sarawak*

This study explores the factors that affects community participation and the level of community participation in Community Based Ecotourism in Padawan, Sarawak. The study was conducted on six selected villages in Padawan district namely Kampung Sadir, Kampung Giam Danu, Kampung Annah Rais, Kampung Semadang and Kampung Benuk. These six villages are among the villages in Padawan that have ecotourism potential and availability. The outcome of this research will benefit the local community (ecotourism providers, village committee and villagers) in Padawan district and also policymakers (government, non-governments (NGOs) and investors).

Evelyn GAN

Thesis title: *Leadership Style and Job Satisfaction: Their Impact on Non-Academic Staff's Turnover Intention in Self-Accrediting Universities in Malaysia*

The importance of non-academic staff is increasing as their roles are expanding to handle the core functions of a university's operations. However, little research attention has been given to non-academic staff. This study specifically addresses these issues by examining the relationship between leadership style and non-academic staff's turnover intention, with job satisfaction as a mediator among 11 self-accrediting universities. This research is valuable to university policy makers to design more effective human resource policies and practices, with a focus on teamwork and development, management transparency, and promotional opportunities that can reduce turnover intention and consequently retain talent within the university.

Master of Engineering [Research]

Belinda NG

Thesis title: *Benefits and Impacts of Roundabout with Shallow Underpasses: A Case Study of Kipali Roundabout*

Kipali roundabout (now called Kipali interchange), located near Kuching downtown, was severely congested during peak hours. Because of this, the Sarawak State Government decided to build shallow underpasses at this intersection. The research included in this thesis is one of the first documented and quantified studies of roundabouts with shallow underpasses in the City of Kuching, Sarawak.

This research will certainly contribute to the deeper understanding of the traffic characteristics and impacts of a roundabout with shallow underpasses on its neighbouring junctions. With proper understanding, it is possible to apply this potentially cost-efficient solution to other intersections in the future.

Jerome Julian CHARLES SILVESTER

Thesis title: *Low Wind Speed Blade Optimisation for Vertical Axis Wind Turbine*

This research focuses on the blade design for the application of a vertical axis wind turbine in low wind speed environment. The scarcity of research on blade optimization for this environment has led to the initiation of this research. The turbine blade optimisation are based on wind speed data gathered from Sarawak and performed with a commercial computation fluid dynamics software. It is intended that results could support the future development of wind projects in the country to add wind energy as part of the overall energy mix encouraging renewable energy development in the region.

Muhammad Dzulkarnain BIN SHAHIDAN

Thesis title: *Digitalization of Visual Management System (mieruka)*

This thesis is describing the process of transformation of the conventional visualization system into the smart visualization system. Transformation processes were done with Industry 4.0 to improve company productivity as the visualization has proven as one of the lean management tools. The researcher has developed multiple user interfaces that help human interaction towards the visualization technique. The user-interface development process used user-centered design to get the user's highest interaction towards the system. The developed system underwent the usability test in a real-time production situation, where the users have full access to use the system in doing the production activity.

Siow Yin NYAU

Thesis title: *Optimal Multivariate Control Chart Designs for Continuous Process Monitoring*

In this research, the aim is to investigate ways of designing efficient and effective methods for monitoring continuous processes especially for the manufacturing environment. One of the possible means is through the use of standard process control methodologies such as the multivariate exponentially weighted moving average (MEWMA) control chart. Such control charts have been proven to improve the process efficiencies in continuous manufacturing processes. However, the standard MEWMA chart employs a fixed sample size at equal sampling interval. The drawback of such setting is that the chart developed is slow in detecting shifts in the process' trend when operating in the continuous manufacturing environment. Consequently, this research proposed to investigate the feasibility of adding adaptive sample size or adaptive sampling interval as new features in the MEWMA control chart with the aim to improve the performance of the said chart.



An optimal statistical design of the adaptive MEWMA control chart is done by minimizing the out-of-control performance measure which will be modelled as a nonlinear minimization problem, subjected to some specific constraints, in which the performance measure will be derived by using a Markov chain approach. A new procedure for the optimal design will be provided for both zero and steady-state modes. Based on this new procedure, a heuristic search will be performed to generate the optimal chart parameter combination of the control chart (i.e. smoothing constant, small sample size, large sample size, long sampling interval, short sampling interval, warning limit and control limit) for different desired values of decision variables such as number of quality characteristics, in-control performance measure, in-control average sample size, in-control average sampling interval and process mean shift. This nonlinear constrained optimization algorithm aims at optimizing the statistical performance. This proposed algorithm can assist the end user in both optimally designed and implementing the control chart.

The aforementioned approach will be adopted in the designs of the (i) standard MEWMA control chart; (ii) MEWMA chart with variable sample size (VSS); and (iii) MEWMA chart with variable sampling interval (VSI). After that, the statistical performances of these control charts will be compared in order to check the effectiveness of these control charts in improving process productivity and preventing defects rising to a higher level. Furthermore, percentiles or probabilities of run length distribution will be computed to provide a better understanding of the performance for the said chart and this helps to increase the end user's confidence in using the proposed chart.

Master of Science (Research)

Charissa Han Min PHUA

Thesis title: *Design and Development of an Image Classification Model for Wafer Defects using Deep Learning*

From production standpoint, the semiconductor industry benefits from AI adoption at various process points to improve production efficiency and yield management. Implementation of defects auto-classification allows the offload of previously required manual operations. This research proposes an Automatic Defect Classification (ADC) system based on deep learning for the automation in wafer surface defects classification which focuses on defects identified at the metal layers. It adopts a deep convolutional neural network (CNN) object detection architecture as the model for defect detection and classification using only SEM images as inputs. This research produces a model which achieves industrially pragmatic defect classification performance.

Jason Thomas CHEW

Thesis title: *Anomaly Detection Using Transition Graphs on a Longitudinal Diabetes Dataset*

Type II Diabetes Mellitus is rapidly becoming the most prevalent disease in modern society. Anomaly detection is an important tool for addressing the disease, as new discoveries are often found when studying abnormal cases. This thesis explores a graph theoretical approach for detecting anomalies in a longitudinal diabetes dataset. The transition graph model proposed in this study bypasses the limitations encountered by dynamic graph anomaly detection methods when attempting to detect anomalies in longitudinal datasets with as few as two time points.

Khairul Azim BIN ZA'ABA

Thesis title: *Real-Time Canny-Edge Based Obstacle Detection Model for Mobile Devices with Monocular Camera*

There are at least 253 million people in the world who are visually impaired. This thesis proposed a model of supplementary assistance for the people with low vision to detect obstacles in the walking path. The model is developed to be installed in a mobile device such as smart phone which eliminates the issues in mass-production and distribution of assistive devices. It uses a mobile device's camera and applies the edge-based obstacle detection algorithm in real-time. In addition, the secondary internal sensors such as the gyroscope and more are used to enhance the detection capability.

Nicholas Chin Yun BONG

Thesis title: *Crude Oil Price Movement Analysis Through Mining of Historical Price Data Distribution to Determine the Sample Size Over Price and Time Scale*

Crude oil markets are always changing rapidly and unpredictably. Predicting the market price movements have been challenging towards countries and companies. There are multiple factors that cause the price of crude oil to be of high volatility. This study focuses on using technical analysis approach to forecast and predict crude oil future price movement. In this thesis, a new approach is proposed to determine the suitable sampling size to be used dynamically. Through mining the distribution of historical price data, the price movement forecasting approach are formulated by using dynamic size of data sampling.

Nur Diyana BINTI MUSA

Thesis title: *Antioxidant and Cytotoxic Effect of Dillenia Suffruticosa and Eugenia Polyantha Water Extracts Against Nasopharyngeal Carcinoma Cells*

This study examined the antioxidant activities and cytotoxicity extracts of aqueous extracts of Eugenia polyantha and Dillenia suffruticosa. E. polyantha possessed high phenolic contents (6.62mg GAE/ 100mg) and also high antioxidant activity as determined using DPPH (EC50 = 60.9 mg/L) and ABTS (EC50 = 24.2 mg/L) assays. Furthermore, E. polyantha was able to reduce the NPC/HK1 cancer cell viability (IC50 = 61.5 mg/L) while D. suffruticosa was able to prevent the cell migration at 72 mg/L (IC25 value) after 24h of incubation.

Doctor of Philosophy

Armstrong Ighodalo OMOREGIE

Thesis title: *A Feasibility Study to Scale-up the Production of Sporosarcina Pasteurii, Using Industrial-grade Reagents, for Cost-Effective In-situ Biocementation*

Biocementation is a technology that uses bioaugmentation or biostimulation of microorganisms (i.e. *Sporosarcina pasteurii*) as biocatalyst to stimulate insoluble calcium carbonate precipitates for improved soil strengthening and solidification. Biocementation serves as an alternative to current chemical methods (i.e. Portland cement and asphalt) due to its less carbon footprints risk and energy consumption. Since current soil biocement implementation for field-scale or commercial application is very costly, this thesis therefore investigated an innovative approach to reduce its bacterial cell production and treatment costs by exploring the use of food-grade yeast extract, low-grade chemicals and a custom-built stainless still reactor (3000 L capacity).

Aylwin Bing Chun CHAI

Thesis title: *Frontal Ground Plane Checking with Single LiDAR Range Finder-based Wearable Model*

Assistive technologies have been an ongoing research area to help with orientation, wayfinding, obstacle detection, object and people recognition. However, there is a lack of a single consolidated electronic-based system that can detect and forewarn changes in the frontal ground plane conditions. This research aimed to identify an effective approach in checking the ground plane which is one of the five travel functions for humans. This thesis presented a comprehensive literature survey of the existing electronic-based technologies, the design and development of the proposed wearable model, and the testing and evaluation to prove its potential in frontal ground plane checking.

Ee Tiing LAU

Thesis Title: *The Studies of Defence-related Transcriptome and Potential Biocontrol Strategies in Black Pepper (*Piper Nigrum L.*)*

Black pepper is an important commodity crop in Malaysia that generates millions of annual revenue for the country. However, this crop is susceptible to slow decline disease which has caused significance annual yield loss. The current study advance the understanding of black pepper plant defence in response to slow decline and aid in identifying potential solution to manage this disease in black pepper cultivation. Besides that, this study also has proposed biocontrol strategies, an environmental friendly approach as an alternative solution instead of hazardous chemical products in combating slow decline.

Elizabeth Eu Mee CHONG

Thesis Title: *Soil-Structure Interaction Due to Adjacent Deep Excavation Considering Groundwater Drawdown and Presence of Capping Beam*

Deep excavation projects are commonly found in urban areas due to space constraint. One of the main concerns of any deep excavation project is soil movement arising from the soil-structure interaction. With the advancement of computing technology, numerical back-analyses in two- and three-dimensional models are very common. As excavation are always a three-dimensional problem, this thesis investigates the effect of capping beam and how it influences the corner effect in an excavation that experienced groundwater lowering. Understanding how these factors cause ground movement improves the accuracy of basement design and construction in similar ground conditions.

Evon Wan Ting LIM

Thesis title: *Optimized Approach on EMG Signal Classification*

Classification of electromyography (EMG) signals, also known as muscle signals, allow the study of human movements via the extraction of useful patterns from the signals after proper processing. An optimized approach is developed and introduced to enhance the performance of the classification system to improve the accuracy on classification of wrist and finger movements. A graphical user interface that allows user to upload and classify EMG signals is created. With further modifications, the output from the graphical user interface can be used to control an exoskeleton unit to mimic human movements, or to monitor human movements for ergonomic studies.

Jessica Xiaophing SONG

Thesis title: *Investigating Microplastic Occurrences in Coastal Surface Seawaters and Their Potential Role as Transport Vectors for Multidrug-resistant *E. Coli**

The pervasive nature of microplastics (synthetic items of less than 5 mm) throughout aquatic environments has been found to impart upon these habitats a myriad of negative effects. The work described in this thesis aims to address the existing need for comparable, long-term data on MP occurrences in aquatic systems as well as to investigate their role as transport vectors for multidrug-resistant *E. coli*.



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 Swinburne Alumni

 Swinburne University of Technology Alumni

Autograph



Autograph





• **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
-

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

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

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.



swinburne.edu.my

CRICOS Provider Code (Swinburne University of Technology): 00111D
DULN004(Q) MQA/SA/0007 Co. No. 199901022294

Names and details contained in this program are correct at the time of publication, March 2022.

