# Ceremony 2

# Faculty of Engineering and Information Sciences

## Bachelor of Engineering

Mohammed Achaechi

Waled Al Hussein

Nathan Rhys Beaver

Timothy Bennett

Tristan Kingsley Boan

Mark Bootsma

Timothy James Brand

Jason Christopher Causer

Tsz Leung Chan

Yi Chen

Ming Cheng

Erin Elizabeth Coppock

Sisi Dong

Daniel Alexander Dunstan

James Dwerryhouse

Cameron Evans

Zhoutian Fang

James Fisher

Daniel Freeman

Brandon Gathercole

Stephen Geary

Kristopher John Gorman

Daniel Paul Green

Peter Gregor

Joshua Hallatt

Matthew Harvey

Luke Higgins

James Robert Andrew Horne

Xiaoge Huang

Hayden Jared Humphries

Mitchell William Hurry

Damian Paul Jones

Clinton Krani

Shaneel Joytish Lal

Samuel David Lindsay

Thomas Loder

Weiyan Lu

Nikola Lunic

Thomas Mackey

Alexander Murray MacLaughlan

Cody Tudorel Marcus

Shahira Mohamed

Timothy John Murphy

James Panos

Yuzhen Peng

Duy Khanh Phan

Aleksander Sascha Rozmeta

Ruoxu Shu

Timothy Sloan

Joel Smith

Riaan Harry Smith

Cameron Tavener-Smith

Veronica-Claire Jean Venables

James Francis Virtue

Antohnio Wahbi

Jacob Ian Ward

Christopher Wiewiora

Adam Wong

Yang Wu

Zhenkun Xie

Mengze Yu

Siyu Zhai

Wen Xiang Zhao

## Bachelor of Engineering with Distinction

Ethan John Taylor

## Bachelor of Mathematics

Myrnelle Faye Jover

Ellie Alyssa March

## Bachelor of Mathematics Advanced with Distinction

Brenden Andrew Butters

Justin Adam Stephens

## Bachelor of Mathematics and Finance

Patrick John Morton

## Bachelor of Medical and Radiation Physics

Anwar Ahmed Hassan Ahmed

## Bachelor of Science

Nathan Francis Zampa

## Bachelor of Engineering, Bachelor of Commerce with Distinction

Lachlan George Arthur Matthews

## Bachelor of Engineering, Bachelor of Science

Carlie Martin

Mallory Claire McLennan

## Bachelor of Science, Bachelor of Mathematics

Liam John Gardiner

## Bachelor of Engineering (Honours)

Jordon Nicholas Arley

Mak Cavanagh            Class II, Division 1

James Hansen            Class II, Division 2

Alain Marc Le Gall-Zobec

Xiaoliang Li

Xiaoming Li

Nicholas Standen

Dongchen Zhang

Wanxue Zou            Class II, Division 1

## Bachelor of Engineering Honours

Steven Angelo Beltrame            Class I

Prithivi Bikram Bhandary            Class II, Division 2

Aslaug Time Blitzner            Class I

Steven David Boyd            Class II, Division 2

Taylor Wilken Canty            Class II, Division 1

Matthew Carmody            Class II, Division 2

Matthew Brian Clancy            Class II, Division 1

Daniel Blake Coupe            Class II, Division 2

Thomas James Cowan            Class II, Division 1

David Cukalevski            Class I

Nicholas Jason Field            Class II, Division 1

Liam Paul Gallo            Class II, Division 2

Samuel James Greig            Class II, Division 2

Mats Saetre Guldbrandsoy            Class II, Division 1

Jordan Hargraves            Class II, Division 2

Mitchell John Heddles            Class II, Division 2

Robert Louis Heinrich            Class II, Division 1

Shansong Huang            Class II, Division 2

Maxwell James Kay            Class II, Division 1

Jonathan Christopher Lobitz            Class II, Division 1

Andrew Vild            Class II, Division 1

Yuxiang Wang            Class II, Division 1

Zachary Ross Winnel            Class II, Division 1

Daniel Stewart Woods            Class II, Division 2

Jake Xerri            Class II, Division 1

## Bachelor of Engineering (Scholar) Honours

Brendan Joseph Banfield            Class I

Brenden Andrew Butters            Class I

Thomas Jared Crossman            Class II, Division 1

William Dowler            Class II, Division 1

Brendan Halloran            Class I

Larry Simpson            Class II, Division 1

Lauren Smee            Class I

Andrew Travers            Class I

## Bachelor of Mathematics and Finance Honours

Yanting He            Class II, Division 2

## Bachelor of Mathematics (Honours)

Matthew Hughes            Class II, Division 1

Benjamin James Maldon            Class I

Fateema Tohmey            Class II, Division 1

## Bachelor of Engineering Honours, Bachelor of Commerce with Distinction

Bradley Jones            Class I

## Bachelor of Engineering Honours, Bachelor of Science

Daniel Otero            Class II, Division 2

## Graduate Certificate in Engineering Asset Management

Victor Ceniza Bernardo

Graham Alan Brown

Russell Graham Dixon

Sushil RATANLAL Joshi

Deanna Orr

## Master of Electrical Power Engineering

Raj Kumar Adhikari

Bak You Chaw

Xiaolong Liu

## Master of Electrical Power Engineering with Distinction

Mohammad Ibrahim

Mujoko Mujoko

Nicholas Sinnis

## Master of Engineering

Ashwin Prakash Adur

Thomas Biget

Zhe Cui

Daokai Huang

Jasmin Joshi

Huy Hoang Le

Ke Tan

Ye Tian

Himanshu Kumar Tiwary

## Master of Engineering Asset Management

Samiha Najem

Praveen Narayanan Nair

Jaime Paa

## Master of Engineering Asset Management with Distinction

Elie Nouhad Bassil

## Master of Engineering Management

Florian Birolleau

Yifan Chen

Alexandre De Loustal

Akhil Dominic

Ansar Iqbal

Jerome Lafosse-marin

Nasir Mirbagheri

Ninad Ralkar

Alexandre Tataris

## Master of Engineering Practice

Haitham Abdallah AL-Adawani

Akhil Dominic

## Master of Engineering Studies

Yongning Mao

Muhammad Umair

## Master of Mathematics

Ghassan Mousa Suleiman Alabadleh

Duraid Ali

## Master of Mathematics with Distinction

Bernadette Catherine Le Mesurier

## Master of Professional Engineering

Abjeth Ayoob

Vipin Babu

Jobin Baby

Deep BAGGA

Shashank Bahadurpura Venkatesh

Jerry Johnson Chindu

Adheen Chirayath Sunilkumar

Apurva Hitendra Desai

Jie Dong

Congyu Fan

Adithya Ganesh Ganesan

Githin George Thomas

Weiwei Huang

Jasdeep Singh

Guofei Jing

Yi Jing

Xiaojun Ke

Qichao Kong

Gowtham Lakshminarayana

Chuang Liu

Yang Liu

Shweta Mahendrakar

Jagdesh Mohan

Ganesh Mudahalli Shivakumaraswamy

Aygun Mutallimova

Anand Nandakumar

Pei Nie

Raj Pawan

Trived Peddinti

Jimmy Vinubhai Prajapati

Jithin Puthenpurackal Joy

Sravan Kumar Puttapati

Sangam Rai

Rakesh Rajendran

Abdul Rauf

Ritvik Ravi

Bhanuchander Ravichandran

Vivek Sangani Polugari

Karthik Sankaranarayanan

Saravanan Sekar

Konguvelmahilan Selva Kumar Uma

Maneesh Selvamani

Prajna Gopal Shetty

Kumar Parakram Singh

Xu Song

Siva Sai Sriram Talluri

Esha Thakur

Ananya Thomas

Duy Duc Tran

Balamurali Udayakumar

Galvin Varghese

Anirudh Varma

Yue Wang

Zaiyi Wang

Wenjun Xia

Tian Xie

Chenchen Xu

## Master of Professional Engineering with Distinction

Seyed Mahan Karimani

Jin Shang

Mei Xia

Yuhao Zhao

## Master of Science (Medical Radiation Physics)

Ahoud Salim Khamis Al Amrani

Tabarek Ahmed Abbas Al-Salmani

Amandeep Kaur Chahal

Justin Darren Leadbeatter

Jaskiranjit Kaur Sangha

## Master of Science (Medical Radiation Physics) with Distinction

Jacinta Yap

## Master of Statistics with Distinction

Mohamed Hason

## Master of Engineering - Research

Israa Meften Hashim

## Master of Philosophy

Ali Qasim Luaibi Al-Baali

Hai Huang

Zhenghao Liu

Michelle Kathleen McCray

## Master of Science - Research

Christopher Michael Boyd

Meiyu Du

Claire Pagulayan

## Doctor of Philosophy

## School of Civil, Mining and Environmental Engineering

Nurul Syazana Binti Abdul Halim

Polymeric Properties and Metal Extraction Performance of Poly (Vinyl Chloride)/Aliquat 336 Polymer Inclusion Membranes and Electrospun Fibres

Darshika Palamakumbure

GIS based landslide inventory and landslide susceptibility modelling across the Sydney Basin

Matharage Darshana Anuradha Perera

Modelling vertical drains with vacuum preloading considering the soil structure characteristics

Gaofeng Wang

Studies of TBM Rock Cutting and Frictional Ignition Control in Underground Coal Mines

## Doctor of Philosophy with Examiners' Commendation for Outstanding Thesis

## School of Civil, Mining and Environmental Engineering

Chazath Ibrahim Kaliboullah

Behaviour of compacted coalwash under saturated condition incorporating particle breakage

## Doctor of Philosophy

## School of Electrical, Computer and Telecommunications Engineering

Yin Chin Choo

Small Signal Stability Analysis for a Turbine-Generator Unit Connected to an HVDC System

Yuanlong Fan

Dynamic Stability Analysis for a Self Mixing Interferometry

Zhengrong Huang

Improving the Performance of Fringe Projection Profilometry by Accurate Geometric Modelling and System Calibration

Muhammad Wasim Nawaz

Sparse Variational Regularization for Visual Motion Estimation

Muhammad Salman Raheel

Resource Management In P2P and MANETs using Layered Coding Techniques

Alejandro Ruiz Rivera

Green Traffic Engineering Techniques for Current and Next Generation Network

Chao Sun

A Universal Event-Group Based Time Series Data Mining Framework for Multi-Variate Time Series Classification

Da Sun

Passivity Control of Bilateral and Multilateral Teleoperation Systems

Van Ha Tang

Compressed Sensing for Enhanced Through-the-Wall Radar Imaging

## Doctor of Philosophy

## School of Mechanical, Materials and Mechatronic Engineering

Kuiyu Cheng

Molecular Dynamics Simulation of the Grain Boundary Deformation Behaviours in Al

Daniel Daly

Improving Energy Efficiency in Lower Quality Commercial Buildings: Simulation, Retrofit Optimisation and Uncertainty

Donghong Ding

Process planning for robotic wire arc additive manufacturing

Liang HAO

A study of oxidation of work rolls and extreme pressure agents in hot rolling of ferritic stainless steels

Mohammad Ihsan

Advanced Transition Metal Oxide Materials as Electrodes for Lithium Ion Batteries

Alain Surjo Kusmoko Parisianto

Effect of Laser Power and Steel and Nickel-Based Alloy Substrates on Hardness and Wear Resistance of Laser-Deposited Stellite Coating

Laia Ledo

Energy Efficiency and Thermal Comfort Upgrades for Higher Education Buildings

Xiang Li

Effects of gas atmosphere on reduction of quartz and its reaction with silicon carbide for silicon production

Khelood A Mkalaf

A Study of Current Maintenance Strategies and the Reliability of Critical Medical Equipment in Hospitals in Relation to Patient Outcomes

Gangrou PENG

Novel Shear Thickening and Magneto-rheological Materials and Their Application in Controllable Electrolytes

Alptekin Ulutas

Data-driven Risk Management in Supplier Selection for the Turkish Textile Industry

Jun Wang

Development of New Electrode Materials for Lithium Ion Batteries and Lithium Oxygen Batteries

YouYou Wu

Fracture control of small diameter gas pipelines

Xing Zhao

Deformation mechanisms in nanotwinned materials by molecular dynamics simulations

## Doctor of Philosophy with Examiners' Commendation for Outstanding Thesis

## School of Mechanical, Materials and Mechatronic Engineering

Alhoush Mohmed Elshahomi

Modelling of Gas Decompression Process for CO2 Transmission Pipeline

Alireza Fadavi Boostani

Graphene encapsulating process: A road map for manufacturing aluminium matrix composites with superior mechanical properties

Babar Shabbir

Effects of Hydrostatic Pressure on Critical Current Density & Pinning Mechanism of Iron Based Superconductors and MgB2

## Doctor of Philosophy

## School of Mathematics and Applied Statistics

Fatemah Yahya Y Mofarreh

Fully Nonlinear Curvature Flow of Axially Symmetric Hypersurfaces

Preeya Riyapan

Model Choices for Complex Survey Analysis

Shen Wang

Variational Inference Machines for Semiparametric Regression

## Doctor of Philosophy with Examiners' Commendation for Outstanding Thesis

## School of Mathematics and Applied Statistics

Nhat Tan Le

Pricing American-style Parisian options

## Doctor of Philosophy

## School of Physics

Xinqi Chen

Design and synthesis of binary and ternary copper chalcogenide nanostructures for energy conversion

Jeremy Alexander Davis

Diamond Microdosimetry For Radioprotection Applications In Space

Anthony Anselmo Espinoza

The development of a silicon detector quality assurance system for high dose rate brachytherapy

Chao Han

Synthesis of Nanostructured Metal Chalcogenides Used for Energy Conversion and Storage

Michael Geoffrey Jameson

Hitting the target: Analysis of delineation and dosimetric uncertainty in radiotherapy

Peter Lazarakis

Assessment of Monte Carlo Approaches to Nanodosimetry

Weijie Li

Investigation on the promising electrode materials for rechargeable sodium ion batteries.

Muhamad Faiz Md Din

Magnetic Phase Transitions and Novel Materials for Magnetocaloric Effect.

Amy Louise Walker

Physics of MR image distortion: Impact on breast cancer radiotherapy

## Doctor of Philosophy with Examiners' Commendation for Outstanding Thesis

## School of Physics

Wenbin Luo

Advanced Materials for Rechargeable Lithium-Oxygen Batteries

Julian Andrew Steele

Structural and Optical Studies of GaAs1-xBix and β-Bi2O3 for Optoelectronic Devices.