

2024 Completions - Faculty of Engineering

Dr. Mojtaba Ghermezcheshmeh

(Specialisation: Electrical engineering) (Conferred: 11-Jan-2024)
Novel Time Division Duplex Schemes

Youssef Mamdouh Mohamed Helmy Shalaby

(Specialisation: Civil engineering) (Conferred: 11-Jan-2024)
Rainfall sensing through image processing for improving spatial-temporal rainfall maps in urban areas

Dr. Ethan Samuel Grooby

(Specialisation: Biomedical engineering) (Conferred: 23-Jan-2024)
Accessible Audio-Visual System for Neonatal Health Monitoring

Dr. Sudip Kundu

(Specialisation: Mechanical engineering) (Conferred: 23-Jan-2024)
Durability and Damage Tolerance Assessment of Additively Manufactured (AM) Parts and AM Repairs

Dr. Asif Ahmed

(Specialisation: Mechanical engineering) (Conferred: 24-Jan-2024)
Development of advanced digital holographic microscopy for studying microscale and biological cell flows

Dr. Aakash Chhabra

(Specialisation: Civil engineering) (Conferred: 24-Jan-2024)
Fusing high-resolution SAR and optical time-series for monitoring post-natural disaster

Dr. Kai Dean Kang

(Specialisation: Chemical engineering) (Conferred: 24-Jan-2024)
Development of Electronic Waste (e-waste) Management and Coarse PCB-Particles Based Processing Techniques in Developing Countries

Dr. Thanh Vinh Le

(Specialisation: Civil engineering) (Conferred: 24-Jan-2024)
Fatigue damage prediction of pavement materials: from lab scale to field predictions

Dr. Xuefeng Li

(Specialisation: Chemical engineering) (Conferred: 24-Jan-2024)
Structure Engineering of Chromatograph Membranes for Improved Protein Separation

Dr. Xinyu Liu

(Specialisation: Chemical engineering) (Conferred: 24-Jan-2024)
The Flow and Segregation of Cement Clinker Particles in A Mill Feeding Hopper: Experiment and FEM Modelling

Dr. Sabrina Meikle

(Specialisation: Biomedical engineering) (Conferred: 24-Jan-2024)
Strategic stimulation for sight: Current steering and multi-electrode approaches for improving cortical visual prostheses

Dr. Zhoufeng Shi

(Specialisation: Civil engineering) (Conferred: 24-Jan-2024)
Development of self-sensing cementitious composites using nano-carbon black particles

Dr. Shulei Zhang

(Specialisation: Materials engineering) (Conferred: 24-Jan-2024)

Microelectrode-based studies of interfacial processes related to aqueous corrosion

Dr. Xudong Zhou

(Specialisation: Biomedical engineering) (Conferred: 24-Jan-2024)

Experimental and numerical Study on Particle Deposition in the Realistic Respiratory Tract Model

Dr. Hamed Ashrafi

(Specialisation: Structural engineering) (Conferred: 07-Feb-2024)

Development of an innovative lightweight high strength ground support system

Dr. Fatima Azhar

(Specialisation: Water and sanitary engineering) (Conferred: 07-Feb-2024)

Assessing Vehicle Stability in Flood Water through Smoothed Particle Hydrodynamics

Dr. Guodong Ma

(Specialisation: Geotechnical engineering) (Conferred: 07-Feb-2024)

Development of a fully coupled hydro-mechanical multi-phase multi-physics SPH framework to model soil internal erosion

Dr. Ishara Chaminda Kariyawasam Paranawithana

(Specialisation: Biomedical engineering) (Conferred: 07-Feb-2024)

Objective Measures of Functional Connectivity to Investigate Language Development in Infants

Dr. Cynthia Richard

(Specialisation: Mechanical engineering) (Conferred: 07-Feb-2024)

Acoustofluidic Technologies for Single Cell Analysis

Dr. Marzie Ghorbani

(Specialisation: Materials engineering) (Conferred: 15-Feb-2024)

Accelerated computational discovery and design of novel magnesium alloys by machine learning

Dr. Mohammed I. I. Alkhatib

(Specialisation: Civil engineering) (Conferred: 21-Feb-2024)

Acoustic Rainfall Sensing for Mapping Spatial Variation of Rainfall Events

Dr. Amelia

(Specialisation: Chemical engineering) (Conferred: 21-Feb-2024)

Co-production of biodiesel and phytonutrients from palm-based second-generation feedstocks using a low-cost liquid lipase for improving biodiesel process economics and sustainability

Dr. Mohammad Fazli

(Specialisation: Mechanical engineering) (Conferred: 21-Feb-2024)

Fully-Resolved Modelling of Suspension Flows

Dr. Edward Charles Henderson

(Specialisation: Biomedical engineering) (Conferred: 21-Feb-2024)

Bio-nano studies of organosilica and immune cells in vitro and in vivo

Dr. Muhammad Ikhwan Bin Jamaludin

(Specialisation: Water and sanitary engineering) (Conferred: 21-Feb-2024)

Crowdsourced Data to Improve Rapid Flood Inundation Mapping and Current Flood Assessment Case Study
Kuala Lumpur

Dr. Brandon David Johns

(Specialisation: Mechatronics engineering) (Conferred: 21-Feb-2024)

Crane Payload Localisation: Mid-Air Alignment of Curtain Wall Modules

Dr. Ha Anh Nguyen

(Specialisation: Transport engineering) (Conferred: 21-Feb-2024)

Exploring the Safety Performance of Bus Companies with/without Bus Vehicle Ownership

Dr. Yohanathan P.Sivagnana Kumaran

(Specialisation: Mechatronics engineering) (Conferred: 21-Feb-2024)

Online backlash identification and estimation of remaining useful life in the joints of high speed industrial robots

Dr. Kaushik Roy

(Specialisation: Computer engineering) (Conferred: 21-Feb-2024)

Lifelong Learning with Neural Network

Dr. Lee Yu Wu

(Specialisation: Biomedical engineering) (Conferred: 21-Feb-2024)

Adaptive Assistance for Parkinsonian Gait

Dr. Gloria Lizeth Diaz Arenas

(Specialisation: Chemical engineering) (Conferred: 06-Mar-2024)

Membrane separation and characterisation of bio-sourced xylooligosaccharides

Dr. Janak Preet Kaur

(Specialisation: Chemical engineering) (Conferred: 06-Mar-2024)

Rational Design, Synthesis and Characterisation of Novel Heterojunction Photoelectrodes in Tandem Cell for Photoelectrochemical Decarbonisation and Conversion of CO₂ into Useful Chemicals

Dr. Sayshar Ram Nair

(Specialisation: Mechanical engineering) (Conferred: 06-Mar-2024)

The Investigation of Convective Heat Transfer within Colloidal Suspension Flow in Different Conduit Geometry

Chi Bach Pham

(Specialisation: Electronic and computing) (Conferred: 06-Mar-2024)

Towards scalable algorithms for Max-Cut Semidefinite Programs

Dr. Luke Sutherland

(Specialisation: Materials engineering) (Conferred: 06-Mar-2024)

The Upscaled Fabrication and Encapsulation of Perovskite Solar Cells

Dr. Shen Khang Tnah

(Specialisation: Chemical engineering) (Conferred: 06-Mar-2024)

An Application of Deep Eutectic Solvent with Ultrasound to convert Hexoses from Oil Palm Fronds into 5-hydroxymethylfurfural

Yitian Yuan

(Specialisation: Civil engineering) (Conferred: 06-Mar-2024)

Wastewater surveillance of SARS-CoV-2 and modelling COVID-19 cases by passive sampling

Dr. Thuy Phuong Thi Nguyen

(Specialisation: Biomedical engineering) (Conferred: 23-Mar-2024)

Microfluidic Encapsulation of Human Bone Mesenchymal Stromal Cells (hBMSCs) in Microgels for Cartilage Regeneration

Dr. Janethri Buddhipraba Liyanage Parana Liyanage

(Specialisation: Geotechnical engineering) (Conferred: 23-Mar-2024)

Slow Releasing Energy Material Agent for rock fragmentation: sustainable approach for mineral and energy recovery

Dr. Adikari Mudiyansele Asanka Indunil Rathnayaka

(Specialisation: Electronic engineering) (Conferred: 23-Mar-2024)

IoT-connected Low-power Wearable-based Autonomous Contact Tracing and Vital Sign Monitoring in Healthcare Settings

Dr. Daiheng Shen

(Specialisation: Civil engineering) (Conferred: 23-Mar-2024)

Vibration-based Quantitative Debonding Assessment for Adhesive Ceramic Tiling Systems

Dr. Dong Xiao

(Specialisation: Transport engineering) (Conferred: 23-Mar-2024)

Exploring the impact of built environment on the network-level and dynamic traffic performance

Ebrahim Alinezhad

(Specialisation: Environmental engineering) (Conferred: 11-Apr-2024)

Autonomous mobile sensing for built environment applications

Dr. Sharon Ai Ping Gooi

(Specialisation: Civil engineering) (Conferred: 11-Apr-2024)

Development of Encapsulated Palm Oil Fractions for Controlled Release Rejuvenation of Bitumen

Dr. Luis Enrique Guerra Fernandez

(Specialisation: Computer engineering) (Conferred: 11-Apr-2024)

Efficient Deep Neural Networks Aimed for Resource Constrained Embedded Devices

Dr. Samaneh Mirzaei

(Specialisation: Materials engineering) (Conferred: 11-Apr-2024)

Harnessing the regenerative power of the brain using biomaterials for the treatment of Parkinson's disease

Dr. Edirisinghe Arachchige Himashi Amanda Peiris

(Specialisation: Biomedical engineering) (Conferred: 11-Apr-2024)

Learning with Limited Labels For Medical Image Analysis

Dr. Lamiya Nerose Bata

(Specialisation: Civil engineering - other) (Conferred: 24-Apr-2024)

Dirty work: Investigating diarrhoeal disease from contaminated surface soils within informal settlements

Dr. Krishnendu Bera

(Conferred: 24-Apr-2024)

Performance Improvements of Visible Light Communication Systems

Dr. Nicholas Shern Loong Chew

(Specialisation: Mechanical engineering) (Conferred: 24-Apr-2024)

Plasma-activated water and aerosol for surface pathogen disinfection

Dr. Kaiqiang He

(Specialisation: Chemical engineering) (Conferred: 24-Apr-2024)

Two-dimensional Materials-based Nanocomposite Membranes for Hydrogen Energy

Dr. Rachel Catherine Love

(Specialisation: Electrical and electronic eng and tech general) (Conferred: 24-Apr-2024)

Adaptive Dialog Responses for a Teachable Conversational Robot

Dr. Shiva Shahriari

(Specialisation: Mechanical engineering) (Conferred: 24-Apr-2024)

Optimising processing parameters for immobilisation of protein on graphene oxide

Dr. Nikhil Avneet Singh

(Specialisation: Civil engineering) (Conferred: 24-Apr-2024)

Advances in ground penetrating radar analytics for pavement layer thickness and condition evaluation

Dr. Yixin Wang

(Specialisation: Materials engineering) (Conferred: 24-Apr-2024)

The Role of Solute Clusters in the Mechanical Response of Al Alloys

Dr. Bo Zhang

(Specialisation: Geotechnical engineering) (Conferred: 24-Apr-2024)

CFD-DEM Modelling of Proppant Transport in Hydraulic Fractures in Unconventional Reservoirs

Dr. Ting Hu

(Specialisation: Chemical engineering) (Conferred: 08-May-2024)

DEM Simulation of Membrane Fouling and Cleaning in Virus/Protein Separation Process

Dr. Jiarui Li

(Specialisation: Communications technologies) (Conferred: 08-May-2024)

Intelligent Reflecting Surface Aided Wireless Communications: Design, Optimization and Analysis

Dr. Guangsi Shi

(Specialisation: Chemical engineering) (Conferred: 08-May-2024)

Research and Application on Process Manufacturing industry with Artificial Intelligence Technologies: A Cement Process Case Study

Dr. Kai Yang

(Specialisation: Civil engineering) (Conferred: 08-May-2024)

Preload loss and long-term performance of bolted connections for structural disassembly and reusability

Renkang Huo

(Specialisation: Materials engineering) (Conferred: 23-May-2024)

Texture formation in magnetostrictive Fe-Ga alloy fabricated by laser powder bed fusion

Dr. Grace Marconi

(Specialisation: Biomedical engineering) (Conferred: 23-May-2024)
Lower-limb Orthoses for Gait Assistance and Rehabilitation

Dr. Mohamed Samir Mohamed Eldemerdash Tolba

(Specialisation: Aerospace engineering) (Conferred: 23-May-2024)
Development of a New Approach for Modelling and Control of Heterogeneous Multirotor UAVs (MUAVs) Transporting Different Payloads

Dr. Foad Brakhasi

(Specialisation: Environmental engineering) (Conferred: 05-Jun-2024)
Soil moisture profile mapping using L- and P-band radiometry

Dr. Miheng Dong

(Specialisation: Materials engineering) (Conferred: 05-Jun-2024)
Engineering novel graphene based neural electrodes

Hun Lee Ong

(Specialisation: Civil engineering) (Conferred: 05-Jun-2024)
Acoustic analysis of tropical rainfall in an urban environment with different impact surfaces

Dr. Jeremy Chun Hooi Ong

(Specialisation: Engineering - other) (Conferred: 05-Jun-2024)
Autonomous crack segmentation, quantification and sealing.

Charya Mahasen Sendanayake

(Specialisation: Mechatronics engineering) (Conferred: 05-Jun-2024)
AI Data-Driven Models for Short-Term Load Forecasting

Dr. Fanmengjing Wang

(Specialisation: Chemical engineering) (Conferred: 05-Jun-2024)
Homochiral Polymer-based Composite Membranes for Efficient Chiral Separation

Dr. Fatemeh Askaritourzani

(Specialisation: Biomedical engineering) (Conferred: 20-Jun-2024)
Development of a multi-layer degradable composite for stent application

Dr. Md. Murshadul Hoque

(Specialisation: Electrical engineering) (Conferred: 20-Jun-2024)
Network-Aware Coordination of Electric Vehicles in Power Distribution Networks

Dr. Davood Khomeini

(Specialisation: Engineering - other) (Conferred: 20-Jun-2024)
Microfluidic-assisted Self-assembly of Nanostructures

Dr. Chean Shen Lim

(Specialisation: Chemical engineering) (Conferred: 20-Jun-2024)
Modelling Economic and Environmental Performance of Upcycling Oil Palm Biomass Wastes to Bio-organic Fertilisers: A Circular Economy Construct toward Regenerative Agriculture and Net-Zero Transitions

Dr. Craig Stocker

(Specialisation: Chemical engineering) (Conferred: 20-Jun-2024)
Lignocellulose for Sustainable Agriculture

Syamsul Ma'Arif Putera Ukhrawi

(Specialisation: Chemical engineering) (Conferred: 20-Jun-2024)

Polyoxymethylene Dimethyl Ether (PODE(3-5)) Production from Carbon Dioxide and Hydrogen

Dr. Shenlan Yang

(Specialisation: Metallurgy) (Conferred: 20-Jun-2024)

Study of {111}a Precipitate Plates in Al-Cu-Mg-Ag and Al-Cu-Li-Mg-Ag Alloys

Dr. Yu Zhang

(Specialisation: Materials engineering) (Conferred: 20-Jun-2024)

Mapping Lithium Distributions in Magnesium-Lithium Alloys by Electron Energy-Loss Spectroscopy

Dr. You Liu

(Specialisation: Chemical engineering) (Conferred: 26-Jun-2024)

Biomimetic Construction of Metal-organic Framework Nanochannels for Ion Transport Promotion

Dr. Shifeng Bai

(Specialisation: Mechanical engineering) (Conferred: 03-Jul-2024)

An all-in-one Semi-automated Pleural Decompression Device for Emergency Management of Tension Pneumothorax

Dr. Yong Jieh Lee

(Specialisation: Materials engineering) (Conferred: 03-Jul-2024)

The Design, Modifications and Study of TiO₂-Based Photocatalysts for the Degradation of Aqueous Emerging Contaminants

Dr. Mobarakeh Mohammadpour

(Specialisation: Civil engineering) (Conferred: 03-Jul-2024)

Application of Machine Learning Algorithms in Characterisation of Sonic Wave Velocities within Various Geological Formations

Dr. Mahdiah Pazirofteh

(Specialisation: Chemical engineering) (Conferred: 03-Jul-2024)

A Method for Recovery of Titania from Post-Consumer Water-Based Paint

Zhi Quan Teh

(Specialisation: Chemical engineering) (Conferred: 03-Jul-2024)

The optimisation of lateral flow membrane chromatography module for protein purification by coupled CFD and protein binding simulation model

Dr. Alice Yong Jia Tiong

(Specialisation: Chemical engineering) (Conferred: 03-Jul-2024)

Legume Protein Isolate Properties and the Implications for Meat Analogue Production

Dr. Haoyu Wang

(Specialisation: Chemical engineering) (Conferred: 11-Jul-2024)

Numerical modelling and analysis of particle-fluid flow and wall erosion in centrifugal slurry pump

Dr. Yifei Li

(Specialisation: Rail operations) (Conferred: 23-Jul-2024)

Plastic Ratcheting and Fatigue Damage of High Strength Rails in Heavy Haul Railways

Dr. Michael Chee Hoe Mok

(Specialisation: Mechanical engineering) (Conferred: 23-Jul-2024)

Numerical Study of 2D Planar Grid-Induced Turbulence: Reynolds Stress Model Parameterization

Dr. Andreas Werner Erhardt

(Conferred: 31-Jul-2024)

Advancing Organic Semiconductor Applications through Acceptor Polymer Development

Dr. Weiqiao Han

(Specialisation: Electronic and computing) (Conferred: 31-Jul-2024)

Contact and contactless Sensors for Healthcare and Human-Machine Interaction Applications

Dr. Vincent He

(Specialisation: Mechanical engineering) (Conferred: 31-Jul-2024)

Droplet microfluidics to interrogate lipid phase transformations and self-assembly

Dr. The Anh Hoang

(Specialisation: Transport engineering) (Conferred: 31-Jul-2024)

Traffic signal control considering platooning formation offered by connected and autonomous vehicles

Dr. John Shapland Kearns

(Specialisation: Biomedical engineering) (Conferred: 31-Jul-2024)

Engineering Analyses of Left Ventricular Haemodynamics and their Clinical Applications

Clifton Ren Ming Mak

(Specialisation: Electronic engineering) (Conferred: 31-Jul-2024)

Improved Network Performance for Swarm Drones Communication

Dr. Harini Thisara Senadheera

(Specialisation: Geotechnical engineering) (Conferred: 31-Jul-2024)

Response of graphene-based geotextiles under hydromechanical loading with sensing applications in smart road infrastructure

Kar Ming Shaw

(Specialisation: Chemical engineering) (Conferred: 31-Jul-2024)

Modeling the Anaerobic Digestion Process of Palm Oil Mill Effluent Using Neural Networks

Dr. Sue Lyn Tan

(Specialisation: Chemical engineering) (Conferred: 31-Jul-2024)

Graphene Oxide-Phytic Acid Functionalised Surface for Superhydrophilic and Underwater Superoleophobic Applications

Dr. Keat Bin Teoh

(Specialisation: Structural engineering) (Conferred: 31-Jul-2024)

Behaviour and Design of Lightweight Concrete-filled Cold-formed Built-up Box Section Columns under Axial Compression

Dr. Ian Chee Wai Wong

(Specialisation: Electrical and electronic engineering and technology- other) (Conferred: 31-Jul-2024)

Impairment Mitigation in Narrowband Land Mobile Radio System using Integrated Deep Learning Framework

Dr. Yi Zou

(Specialisation: Chemical engineering) (Conferred: 31-Jul-2024)

Particle-Pore Scale Analysis And Modeling Of Static & Dynamic Particle-Fluid System

Dr. Melati Suhaila Binti Abdul Halim

(Specialisation: Mechanical engineering) (Conferred: 15-Aug-2024)

The Impact of Reproductive Tract Biofluidmechanics on Epithelial Cell Development and Sperm Motion

Dr. Huizhi Peng

(Specialisation: Materials engineering) (Conferred: 15-Aug-2024)

Microstructure and mechanical properties of selective laser melted Ti-6Al-2Sn-4Zr-6Mo alloys

Dr. Yanru Wang

(Specialisation: Mechanical engineering) (Conferred: 15-Aug-2024)

Heat Transfer Enhancement of Double-Pipe Heat Exchanger Using Novel Vortex Generators and Graphene-Based Colloidal Suspensions

(Specialisation: Civil engineering) (Conferred: 15-Aug-2024)

Predictive Maintenance of Civil Infrastructure with Multimodal Sensing, Machine Learning, and Numerical Modelling

Dr. Muhammad Arslan Ali

(Specialisation: Electrical engineering) (Conferred: 28-Aug-2024)

Implementing Autonomous Navigation, Controlled Locomotion and Communication Systems for Active Wireless Capsule Endoscopy

Dr. Zheng Hui Goh

(Specialisation: Engineering - other) (Conferred: 28-Aug-2024)

A Study on Adaptive Biometric Fusion Strategy and its Application on Biometric Template Protection

Dr. Chwen-Kai Liao

(Specialisation: Artificial intelligence) (Conferred: 28-Aug-2024)

Image Recognition and Reasoning from Long-Tailed Dataset

Dr. Safoura Salehi

(Specialisation: Civil engineering) (Conferred: 28-Aug-2024)

Advanced Use of Recycled Plastic in Pavement Construction: Whole of Life Cycle Analysis

Dr. Mu Gao

(Specialisation: Manufacturing engineering) (Conferred: 12-Sep-2024)

The Influence of Pores on Tensile Properties of Ti-6Al-4V by Laser Powder Bed Fusion and the Effect of Hot Isostatic Pressing

Qi Hao Goh

(Specialisation: Chemical engineering) (Conferred: 12-Sep-2024)

Modelling and Optimisation of Sustainable Green Hydrogen-based Networks

Dr. Paria Hajjamoosha

(Specialisation: Civil engineering) (Conferred: 12-Sep-2024)

A Network Theoretic Approach to Understand the Structure of Urban Drainage Networks

Dr. Kareeb Hasan

(Specialisation: Electrical and electronic eng and tech general) (Conferred: 12-Sep-2024)
Multi-level sensor fusion system for privacy aware people monitoring

Dr. Hao Miao

(Specialisation: Biomedical engineering) (Conferred: 12-Sep-2024)
Investigation of atomization and micronization of biomacromolecules for pulmonary drug delivery

Dr. Shrayan Das

(Specialisation: Communications technologies) (Conferred: 25-Sep-2024)
Physical Layer Techniques for Beyond 5G sub-THz Communications

Dr. Sadegh Khanmohammadi

(Specialisation: Construction engineering) (Conferred: 25-Sep-2024)
Disaster analysis for Australian remote regions using artificial intelligence and data-driven modelling

Dr. Kai Zhong Lai

(Specialisation: Mechatronics engineering) (Conferred: 25-Sep-2024)
Multi-DOF Flexure-based Mechanism Design for Micro/Nano-scale Application

Dr. Shenghan Su

(Specialisation: Materials engineering) (Conferred: 25-Sep-2024)
Atomic-Scale Modelling of Solid-state Precipitation in Aluminium Alloys

Dr. Haojun Wang

(Specialisation: Civil engineering) (Conferred: 25-Sep-2024)
Mechanical Behaviour of Rocks with Veins and Joints under Confinement and Strain Rate

Dr. Hamza Asmat

(Specialisation: Chemical engineering) (Conferred: 09-Oct-2024)
Gas Phase CO₂ Conversion Via Induction Heating For Syngas Production Using Catalyst-Coated Structured E-Reactors

Dr. Amir Adib Habib Abdelqodus Ekladious

(Specialisation: Aerospace engineering) (Conferred: 09-Oct-2024)
Static and Fatigue Characteristics of Hybrid Repairs in Primary Metallic Aircraft Structures

Dr. Timothy Jia-Young Lim

(Specialisation: Civil engineering) (Conferred: 09-Oct-2024)
Source identification in rural catchments

Dr. Xixi Shi

(Specialisation: Civil engineering) (Conferred: 09-Oct-2024)
Real-time control of stormwater constructed wetlands: towards better hydrological and treatment performance

Jin Kiat Tan

(Specialisation: Artificial intelligence) (Conferred: 09-Oct-2024)
Novel Artificial Intelligence Model for Efficient Demand Responsive Transport Systems

Elizabeth Kye Lyn Yeap

(Specialisation: Civil engineering) (Conferred: 09-Oct-2024)
Intensification of the Land Surface Hydrologic Cycle in Illinois

Ruijie Zhang

(Specialisation: Mechanical engineering) (Conferred: 09-Oct-2024)

Hexagonal Structure and Pattern Modeling: Enhancing Contact Friction on Uneven Surfaces

Dr. Shengbin Dai

(Specialisation: Materials engineering) (Conferred: 23-Oct-2024)

Tensile Properties and Dislocation Structures of Yttria-Strengthened Inconel 718 Fabricated via Laser Powder Bed Fusion

Dr. Rajan Lakshman

(Specialisation: Chemical engineering) (Conferred: 23-Oct-2024)

Carbon Dioxide Hydrogenation to Acetic Acid over Metal Organic Framework Derived Catalysts

Kelvin Hoi Hei Wong

(Specialisation: Electrical and electronic eng and tech general) (Conferred: 23-Oct-2024)

Modelling and design of high-speed rotors for axial flux permanent magnet synchronous machines utilising wound-in-place filament sleeves

Dr. Mayuran Jayatharan

(Specialisation: Environmental engineering) (Conferred: 06-Nov-2024)

An Integrated Approach Towards Developing Flood Risk Maps and an Assessment Framework for Nature-Based Solutions

Dr. Fang Yu Leong

(Specialisation: Chemical engineering) (Conferred: 06-Nov-2024)

Theoretical and Computational Chemistry of Polyhedral Oligomeric Silsesquioxanes-based Adsorbents

Dr. Jialiang Yin

(Specialisation: Chemical engineering) (Conferred: 06-Nov-2024)

Real-time Soft Probing of Cardiac Organoids Monitoring

Dr. Amit Sravan Bora

(Specialisation: Communications technologies) (Conferred: 20-Nov-2024)

Orthogonal Time Frequency Space for High Mobility Communications

Dr. Kam Khong Chan

(Specialisation: Chemical engineering) (Conferred: 20-Nov-2024)

Molecular Perspectives on the Enzymes Behaviour in Cholinium Aminoate Ionic Liquids

Dr. Luke Riccardo Ditria

(Specialisation: Artificial intelligence) (Conferred: 20-Nov-2024)

Applications of Generation and Prediction with Deep Learning

Dr. Elnaz Mokhtari

(Specialisation: Structural engineering) (Conferred: 20-Nov-2024)

The Effect of Corrosion on Mechanical Properties of High-Strength Steels

Dr. Kanglin Tian

(Specialisation: Civil engineering) (Conferred: 20-Nov-2024)

The Effects of Mycorrhizal Inoculation on Common Stormwater Biofilter Plants

Dr. Litao Yang

(Specialisation: Artificial intelligence) (Conferred: 20-Nov-2024)

Towards Advanced Digital Pathology: Enhancing Microscopic Image Analysis from Patch to Slide with Deep Learning

Dr. Qiqin Yu

(Specialisation: Civil engineering) (Conferred: 20-Nov-2024)

Characterising road roughness using accelerometric- and profilometric-based methods

Dr. Mohammadsina Aeeneh

(Specialisation: Engineering - other) (Conferred: 04-Dec-2024)

Analyzing Blockchain-Based Networks

Dr. Jiewei Feng

(Specialisation: Electronic engineering) (Conferred: 04-Dec-2024)

The Design of an L-/Ku- Band Shared Aperture Phased Array for Passive Airborne Remote Sensing

Dr. Yee Sye Lee

(Specialisation: Civil engineering) (Conferred: 04-Dec-2024)

Development of Point Cloud Recognition with Mixed Reality Technology for Automated Quality Control in Light Steel Framing Assembly

Dr. Ching Cheung Jonathan Lo

(Specialisation: Mechanical engineering) (Conferred: 04-Dec-2024)

Data-Driven Approaches to Understanding the Flow-Induced Vibrations of Elliptical Cylinders

Dr. Connor Nicholas Mallon

(Specialisation: Chemical engineering) (Conferred: 04-Dec-2024)

Multi-physics Topology Optimization with Applications to Swing Adsorption Systems

Dr. Dora Lawrencja

(Specialisation: Chemical engineering) (Conferred: 11-Dec-2024)

Biodegradability of Chitosan/Alginate Polyelectrolyte Complex Bilayer Membrane (PCBM) and its Effect on Soil

Dr. Sze Kai Low

(Specialisation: Mechanical engineering) (Conferred: 11-Dec-2024)

Characterisation and Through-Thickness Localisation of Failure Mechanisms in Thin-Plate Structures via Modal Decomposition

Dr. Sattambiralalage Don Jude Sheran Nanayakkara

(Specialisation: Mechanical engineering) (Conferred: 11-Dec-2024)

Mechanisms Determining the Rolling Motion of Bodies