Ceremony 3

1.30 pm, Wednesday 19 May 2021

Wellington Faculty of Architecture and Design Innovation and Wellington Faculty of Engineering

Order of ceremony

Official procession into the auditorium

Te tangi pūoro and haka pōhiri (page 15)

Graduates’ procession into the auditorium

God Defend New Zealand (page 84)

Chancellor’s address

Presentation of doctoral graduates to the Chancellor

Presentation of graduates to the Chancellor

Musical interlude

Presentation of graduates to the Pro-Chancellor

Musical interlude

Presentation of graduates to the Chancellor

Presentation of Victoria University of Wellington Medal of Academic Excellence

Philip Anthony Oliver, Wellington Faculty of Engineering

Graduate speaker’s address

Florence Sesame Allegra McNeill, Wellington Faculty of Architecture and Design Innovation

Chancellor’s closing remarks

Gaudeamus (page 84)

Official procession from the auditorium

Graduates’ procession from the auditorium

Please remain standing until the processions have left the auditorium.

REFERENCES

1   First Class Honours
2/1 Second Class Honours (first division)
2/2 Second Class Honours (second division)
3   Third Class Honours

D   Distinction
M   Merit
Doctoral degree research summaries

Aniebietabasi Ufot Ackley

Admitted to the degree of Doctor of Philosophy in Architecture

There is strong evidence poor indoor environmental quality (IEQ: lighting, temperature, acoustics, and ventilation) has a significant impact on students' learning performance and health in schools. Aniebietabasi Ackley's study develops a methodological approach for assessing IEQ at an unprecedented scale to triage good and poor IEQ in classrooms in a national school property portfolio. Aniebietabasi's research provides an analytical and reporting framework to enable architects, building scientists, property managers, and policymakers to monitor, manage, interpret, graph trends in, and visualise a building's IEQ. This then informs prioritisation of remediation works, design, asset management, investment, and evidence-based policy decisions.

Supervisors: Associate Professor Michael Donn and Geoff Thomas

Bi Ying

Admitted to the degree of Doctor of Philosophy in Computer Science

Image classification is a fundamental but challenging task in machine learning and computer vision, with many real-world applications—including self-driving, biological identification, and medicine. Most existing methods have major limitations—for instance, poor interpretability—requiring a lot of training and rich domain expertise. Ying Bi's research aims to address these limitations by developing a new genetic programming-based approach to automatically learning effective features for image classification. She has developed a number of new algorithms that show promising performance and potentially high interpretability.

Supervisors: Professor Mengjie Zhang and Professor Bing Xue

Guiying Huang

Admitted to the degree of Doctor of Philosophy in Engineering

A major challenge in software-defined networks research is effective controller resource management. Guiying (Victoria) Huang's research addresses the challenge from architectural and algorithm design aspects. From the architectural perspective, her research proposes a new controller architecture to enable flexible controller resource management. Based on this new architecture, her research develops new evolutionary computation-based algorithms to allocate sufficient controller resources to the suitable network locations, and develops multi-agent reinforcement learning-based algorithms to make the best use of the given controller resources. Extensive evaluations show her approach achieves cutting-edge performance.

Supervisors: Dr Aaron Chen and Dr Qiang Fu

Lohit Dev Petikam

Admitted to the degree of Doctor of Philosophy in Computer Graphics

While modern 3D animated films and games are almost photorealistic, manual artistic editing is still important to meet a director's aesthetic requirements. In real-time games and augmented reality applications, artists cannot control stylised lighting in every situation. This means that new techniques are needed to preserve art direction in interactive media. Lohit Petikam's research develops new methods for artists to make stylistic appearance edits that respond and adapt to lighting changes, allowing interactive media to remain faithful to concept artwork and the director's intent.

Supervisors: Dr Taehyun Rhee and Professor Ken Anjyo
Sigit Wahyu Prabowo

Admitted to the degree of Doctor of Philosophy in Engineering

The current steel-making process from New Zealand ironsand produces high CO₂ emissions because it uses coal as a reducing agent. A fluidised bed system allows the use of hydrogen gas to reduce ironsand and, as a result, does not emit CO₂. However, a significant obstacle of industrial application of this system is that particles can ‘stick’ at high temperatures. Sigit Prabowo’s research shows that New Zealand ironsand particles do not stick during hydrogen reduction at temperatures up to 1000 degrees Celsius, due to the formation of titanium-bearing oxides at the particle surface. His study presents the operating window for the hydrogen-reduction of ironsand in a fluidised bed system.

Supervisors: Dr Chris Bumby, Professor Brian Monaghan, and Dr Raymond Longbottom

Shaun Anthony Michael Rosier

Admitted to the degree of Doctor of Philosophy in Landscape Architecture

The past two decades have seen scientific and objective ways of knowing dominate landscape architectural design practice and theory. Shaun Rosier’s practice-led research examines how this dominance can be challenged by paying attention to encounters with the sublime, which are experiences with the world that disrupt or disturb our being. This design-oriented study does so by developing a series of design and drawing practices that connect, and give expression to, involuntary movements of the body within a landscape. The study uses the Horokiwi Quarry as a speculative case study as a future remediated park landscape.

Supervisors: Associate Professor Peter Connolly and Professor Joanna Merwood-Salisbury

Joshua James Scott

Admitted to the degree of Doctor of Philosophy in Computer Graphics

The creation of realistic virtual landscapes has been a major challenge in computer graphics for more than four decades. Two primary issues in the field of terrain synthesis are the lack of realism and the lack of a clear way to evaluate realism in synthesised terrain. Joshua Scott’s research identifies the flaws of existing data-based synthesis algorithms, provides improvements using methods from the field of physical geography, and presents a new algorithm called ‘terrain-optimisation’ based on texture synthesis techniques. Joshua’s study also discusses the concept of terrain realism and develops a new approach to the experimental evaluation of realism, with the largest experiment conducted to date.

Supervisors: Professor Neil Dodgson and Associate Professor Peter Andreae
Presentation of graduates

Graduates may be called on stage in a different order from that listed in this programme.

Doctor of Philosophy

Ackley, Aniebietabasi Ufot, in Architecture
Bi, Ying, in Computer Science
Huang, Guiying, in Engineering
Petikam, Lohit Dev, in Computer Graphics
Prabowo, Sigit Wahyu, in Engineering
Rosier, Shaun Anthony Michael, in Landscape Architecture
Scott, Joshua James, in Computer Graphics

Wellington Faculty of Architecture and Design Innovation

Master of Architecture
Clarke, Sebastian Bennett Wild, D

Master of Architecture (Professional)
Harlen, Tyler Francis Hugh, M
Hynd, Cameron Robert John
Te Rangiwha, M
Leech, Emma Louise
Piw Pg Dr Hj Ismail, Ak Hj Saifulnizam, M

Master of Architectural Science
Mohari, Hernietuty Binte, in Project Management, M
Strong-Van Gestel, Jakob Garrick, in Project Management, M
Wu, Chi-Min, in Project Management, M

Master of Design Innovation
Coulson, Patrick Fergus, M
Koetsier, Elize Maria, M
Manapaya Weeratunge, Lakjith Bimsara
McGowan, Matt Sinclair, M
McQueen, Vincent Hamish, M
Naismith, Courtney Jade, D
O'Hagan, Matthew Edward, M
Pio, Tanielu
Ritthisri, Watcharawat
Salter, Jessica Ellen, D
Saul, Jessica Joy

Master of Design Technology
Baker, Rachel Ellen Macindoe, in Animation, D
Jaegers, Lucy Elizabeth, in Lighting and Rendering, D
Karamanolis, Marcus James, in Lighting and Rendering, M
Li, Weijie, M
Match, Philip Peter, in Animation, M
Trewavas, Brock Tristan Anaru, in Animation, M
Zhang, Junqi, in Lighting and Rendering, M

Master of Interior Architecture
Restrepo Sierra, Mariana

Master of User Experience Design
Pagare, Manasi Rajesh, M

Master of Landscape Architecture
Findlater, Samuel, M
Tosic, Branislav
Young, Thaddeus James Harold

Bachelor of Architectural Studies
Alipuria, Smita Mukesh
Anderson, Larissa Patricia
Anderson, Reed Manaia
Arbuckle, Hamish Gerard
Atkins, Katelyn Sylvia
Baden, Nadja
Barnes, Sarah Amy
Baua, Earl Dan Dela Cruz
Beeddell, Grace Katherine
Bellaney, Briar Charlotte
Binyamin, Augustina
Blaas, Quintin Pasco
Boy, Ayla Katrina Fajardo
Brookland, Callum Anzac Alexander
Bussell, Danielle Aurea
Chan, Jian Wen Caleb
Chick, Max Isaac
Clapcott, Braydon John Mason
Collins Caballero, Florence Teresa
Coppell-Lenfert, Saffron Anna
Cowie, Claudia Louise
Crooks, Ruby Rose
de Agreilla, Katelyn Rose
Dijkwel, Fiona
Dillon, Samuel James
Doull, Natalie Lilian
Doyle, Mackenzie Ali Main
Ellis, Micheal Alexander
Eng, Sovan
Evans, James Rex
Feasey-Weiss, Emara Madita
Ferguson, Samein Kristian
Frame, Anna Lynn
Freeman, Sarah Juliet
Gallagher, Sofia Kate
Gan, David
Glentworth, Zoë Kate
Godsiff, Joshua Francis Walton
Graham, Lucia Alexandra
Greer, Samuel Terrence
Gunstone, Ashleigh Chantel
Hay, Erica Jayne
Heckett, Maisie
Helleur, Liam Edward
Hettiarachchi, Dihan Vishal
Hill-Smith, Reuben Cambell
Horgan, Janaya Rose
Huskinson-Young, Maxwell Jack
Hutt, Libby Kate
Johnson, Fabian Peter
Jonassen, Brad James
Jones, Chelsea Louise Satya
Jones, Ella Robyn
Jung, Heonkyun
Latimer, Oliver Henry
Le Bon, Danielle Loquacia
Mabin, Henry Francis
Mackessack, Louis Sinclair
Mangin, Hannah Louise
Mataroa, Jovaan Tumungaro
McGoldrick, Jack Alexander
Mckay, Ella Rose
McLean, Grace Vivien Kerri
McNeill, Florence Sesame Allegra
Miller, Konner Antony
Mohammed, Normaan
Moodie, Reid Grant
Murray, Clark Robert
Naidu, Janice Jessica
O’Brien, Mitzi Vujcich
O’Keefe, Lucy Anne
Ong, Patricia Marie Villegas
Orr, Kristina Suzanne
Ou, Lisa Jiaxin
Parker, Hannah Jane Sutton
Parsons, Laura Grace
Pavlenko, Pavel Philip
Pike, Joshua Johnston
Pointon, Mia Lilly
Pollard, Alexandra Hope
Polozova, Taisiia
Poole, Kate Jaqueline
Prisk, Oliver Lawson
Racle, Daniel Thomas
Ray, Taylor Jackson
Rogers, Olivia Kate
Roose, Courtney Leonie
Rubery, Georgia Margaret
Salud, Juan Alfonso Mozó
Schaffer, Lance William George
Schnabel, Annabella Lucia
Scott, Laura Emily
Scott, Rebecca Helen
Shiraïwa, Emili Simone
Singh, Amreeta
Sooalo, Rama
Stevens, Molly Laura
Storm, Megan
Tanaka, Rafaela Miyuki
Tawa, Dayna Ashlea
Te Maro, Amy Grace
Thomson, Iza Maria
Thorne, Jacob Alexander
Tim, Huy Nerng
Vachias, André Pierre
van der Raaij, Lara Jadzia
Varley-Clapp, Frederick Rupert
Vazhappully Kunhimon, Aysha Jesin
Vezeau, John Campbell
Waddington, Benjamin John
Wallis, Ami Frances Hannah
Ward, Olivia Grace
Watene-Mckendrick, Tatyana Pera
Wells, Georgie Florence
Western, Elliot James
Wilkinson, Noah Felix
Williams, Ella Burbidge
Williamson, Renee Ashley Rose
Wilson, Hamish Walter
Wood, Shayla Maree
Yakas, Kahrurangi James

Bachelor of Building Science

Banyard, Georgia Christina
Bessada, Waseem Mekhail Saady
Caslangen, Derik Logan Dato
Cesan Douglas, Bruno Ismael
Charsley, Philip Paul
Chote, Harry Graeme
Christian, Maxwell Charles Wilks
Cotterell, Jack Peter
de Heer, Jason Samuel Johannes
Duffy, Aloysius Francis Abner
Fang, Haodong
Fielding, Samuel Middleton
Fono, Inoke
Gold, Thomas Connor
Goldstone, Mitchell Brian
Gunning, Samuel Thomas
Hardcastle, Jamie Copeland
Harding, Stephen George Coupland
Harold, Ela Louise
Hastie, Jeremy Craig
Hopkins, Jessica Kate
Kruger, Madison Anne
Larking, Matthew James
Lee, Patrick James Oliver
Li, Alan Keen-Lun
Lin, Alice
Lott, Courtney Paige
Luey, Katelyn Diane
Manning, Jessie Ann
McKinlay, Jack Alistair
McPhee, Madison Rose

Mistry, Sachin Vijay Umesh
Monaghan, Benjamin Collin
 Moriarty, Ciara Ann Margaret
Morrone, Facundo Javier
Nelson, Ethan James
O’Callahan, Sean Daniel
Pattison, Rachel Wendy Elizabeth
Reisima, Aimee Evelyn
Stevenson, Rose Adelaide
van der Zeyden, Simon Christopher
Warhurst, Alanna Haylee
Weeresinghe, Yvan Francis St Clare
Yang, Anthony
Yap, Kristine Alysse Apruebo

Bachelor of Design Innovation

Alexander-Kemble, Isabella Rose
Alfonso, Paul Brian Mendez
Attwood, Zoe Margaret
Au, Gavin Kai Wen
Beaumont-Orr, Reilly Harrison
Bell, Hayley Lynn
Benefield, Alex Margaret
Berryman, John William
Besley, Hamish John
Best, Amelia Grace
Bhana, Roshaan Trishul
Birkett, Alexander Lawrence Sandison
Blundell, Lane McKenzie
Bryan, Samuel James
Bryden, Amelia Jane Anderson
Burn, Liam Andrew
Burrowes, Robert Ballance
Cantlon, Georgia Shelly
Carey, Marcus Austin Terrance
Carter, Lucy Iia
Casil, Christine Sucaldito
Cato-Symonds, Helaina Jayne
Cave, Annabel Laura McHardy
Chan, Maggie On Kaye
Chang, Billy Xiaoyan
Chen, Hsin
Chhiba, Krysana Brianna Bhani
Chin, Shin Yee
Chote, Sophie Marie
Coggan, Francesca de Renzy
Cooper-Theobald, Tia Ripeka
Copeland, Xanthe Anna Neilson
Coronno, Tanya Julie
Davidson, Aimee Stephanie-Ann
Dench, Ella Mackenzie
Dunlop, Taylor Zane
Eaton, Chloe Mexi
Ebue, Gabriel Renzo Mandadero
Elder, Matthew James
Evans, Dylan Marc Edward
Fitt-Simpson, Caitlin Georgia
Ford, Matthew James
Galicia, Glessel Paulyn Magadia
Gosling, Lucas Terence
Gourlay, Maraea Tiana
Gutsell-Bright, Sophie Kate
Halle-McIntyre, Tor
Harris, Joshua Edward
Healy, Nicholas William
Hertoghs, Elisabeth Francisca Maria
Hill, Maia Tsani Willow
Hinchliffe, Anna Sophie Elizabeth
Hislop, Emily Jo Sian
Ho, Ming Wei
Houston, Mia Florence
Howard-Brown, Baxter Heberley
Hughes, Brooke Elizabeth Morgan
Hunter, Alexandra Zoe
Johnsen, Michael Ryan
Jowsey, Scott Anthony
King, Jessica Rose
King, Rebecca Alexandra
Kipa-Si'ueva, Kavana Tengore Afa Apisaloma
Knights, Loretta Claire
Kotevskaja, Dijana
Krishnan, Nina Maria Biggelaar
Larkworthy, Alexandra Margaret
Lee, Elena Joyce Mei Mei
Leong, Stacey Margaret
Loughnan, Callum Sean
Ma, Jianuo
Martel, Guillaume To'osavili
Martell, Jack Isaac
McClurg, Mitchell William
McGregor, Kathleen Llewellyn
McIlraith, Chantal Fiona
McLean, Daniel Hiroki
Melhopt, Tara May
Merwood, George William
Mildon, Daniel Leslie
Morris, Emily Jane Beatrice
Munhuu, Manduhai
Naylor, Katelyn May
Neill, Sophia Alexandra Tripp
Ng, Zi Yong
Nuesca, Trishaleen May Ordone
Ough Dealy, Alexandra Ada
Park, Eugene
Paulin, Tessa Louise
Pickersgill, Sean Robert
Pittar, Gabrielle Emma
Pradeep Kumar, Janani
Reese-Jones, Anna Caitlin
Robb, Isabella Fraser
Russell, Finnan Lippiatt
Sehata, Yui
Sheppard, Finlay David
Snowden, Molly Rose
Spearman, Benjamin John
Stables, Joshua Sinclair
Sue, Caitlin Rebecca
Takane, Tamara
Taylor, Harrison Alan
To, Emily Alexandra
Toh, Adam James
Topliss, Jared Russell
Trengrove, Thomas William
Tresidder, Grace Ivy
Trowbridge, Nicholas Greg Bayly
Tuala-Lauvao, Leigh Patricia
Tudehope, Rupert Giles
Turner, Tessa Alexandra Isobel
Villareal, Katrina Therese Robles
Visser, Hamish Keith
Wood, Daniel Alexander
Yiu, Jayden Pak Yu
Zhang, Wenlin

Postgraduate Diploma in Architectural Science

Valentine-Robertson, Pedro William, in Project Management
Graduate Diploma in Architectural Science
Li, Zhe
Nagarkoti, Ashish

Wellington Faculty of Engineering

Master of Computer Science
Devery, Nathan James
Kahu, Daniel Joseph, D

Master of Engineering Practice
Babuji, Ann, M
Carron, Jenine Bernadette, D
Kadali, Durga Venkata Subrahmanyan
Pawar, Kaustubh
Shaik, Mohammad Jafar Sadiq Muqtar, D
Varkey, Anumol, M

Master of Science
Kim, Hye Jin, in Computer Graphics, M
Wang, Jiaheng, in Computer Science, D

Master of Software Development
Hilal, Mohammad

Bachelor of Engineering with Honours
Akosah, Annisha Ruth, 1, in Software Engineering
Alabastro, Deanne Rae Litonjua, 1, in Software Engineering
Arora, Hrishikesh, 1, in Software Engineering
Bai, Henry Han-Ming, 1, in Software Engineering
Behrent, Jolon Reece, 1, in Electronic and Computer Systems Engineering
Blair, Riley James, 1, in Software Engineering
Buchanan, Caleb Michael, 1, in Software Engineering
Chandra, Armaan Ashiq, 2/1, in Software Engineering
Chheang, Chansocheat, 2/1, in Software Engineering
Cleverley, Lana, 2/1, in Software Engineering
Curran, Benjamin Carl, 1, in Software Engineering
Del Puerto, James Mark Christopher Soriano, 1, in Software Engineering
Dunning, Nathan Natdanai, 1, in Software Engineering
Gimblett, Charlotte Beverly, 2/1, in Software Engineering
Grice, Riley Klaus, 2/2, in Software Engineering
Hazlehurst, Jack Ryan, 1, in Software Engineering
Hercock, Sarah Jennifer, 1, in Software Engineering
Jackson, Jericho Gervase, 2/1, in Software Engineering
Jojo, Nevin, 1, in Software Engineering
Joseph, Amber Kim, 1, in Software Engineering
Keene, Lachlan Martin, 2/1, in Software Engineering
Kueppers, Jasper Chiko, 1, in Electronic and Computer Systems Engineering
Lee, Christian Richmond, 1, in Software Engineering
Li, Yu, 2/1, in Software Engineering
Lynch, Matthew Mortimer, 1, in Electronic and Computer Systems Engineering
Matinde, Muchengeti Victor, 2/1, in Software Engineering
Morrison, Olivia Ellen Lauagaia, 1, in Software Engineering
Oldridge, Jordan Charlton, 2/1, in Software Engineering
Oliver, Philip Anthony, 1, in Software Engineering
Pachoud, Hannah Maree, 1, in Software Engineering
Raj, Keshav, 2/1, in Electronic and Computer Systems Engineering
Ramanal, Vishal Jayanti, 2/1, in Software Engineering
Saiyad, Mohammed Tariq Arifali, 1, in Software Engineering
Sajwan, Lavanya, 2/1, in Software Engineering
Satur, Daniel Stephen, 2/1, in Electronic and Computer Systems Engineering
Secker, Benjamin Joseph, 1, in Software Engineering
Thomson, Dylan Joseph, 1, in Software Engineering
Tonks, Emma Isabella, 1, in Electronic and Computer Systems Engineering
Westenra, Lucas Daniel, 2/1, in Software Engineering
Bachelor of Science with Honours

Andersen, Hayden James, 1, in Computer Science
Demir, Kaan, 1, in Computer Science
Frean, Giotto Marcus, 1, in Computer Science
Mason, Gregory Richard, 1, in Computer Science
Webster, Nicholas Antony, 1, in Computer Science

Bachelor of Science

Alexander, Michelle Margaret Drew
Ariyani, Melina
Armstrong, Francesca Maud
Bennett, Karl Thomas
Bolitho, Joshua Samuel James
Boyd, Jamie Rachael
Brazendale-Duncan, Ashleigh Marjorie
Broadhead, Xavier Britten
Caramto, Moses Cantores
Carmine, Brianne Jade
Chen, Jason Hung Yu
Cuddington, James Steven
Culling, Gene Donal
Dorrington, George Mellor
Douglas, Peta Claudia
Dredge, Kaitlin Elizabeth Montrose
Drown, James John
Durant, Zac Daniel
Eagle, Tyler Adwin
Eales-Hagger, Chase David
Ellison, Nathan Russell
England, Eliza Jane Clarke
Fraser, Jacob Darryl
Fraser, Jane Danielle
Gibbs, Daniel Kai
Gierran, Miguel Allan Uy
Goldsworthy, Natasha Anne
Goundar, Nikisha Shivani
Grant, Zayne Taylor
Greig, Finn Logan
Guerin, Chevrolet Yoshua
Hanson, Ben Raymond
Harrison, Angus Jedidiah
Harwood, Joshua David Brain
Helm, Alastair David

Jackson, Alexander MacKenzie
Jenkins, Timothy Ford
Jones, Matthew David
Khan, Nurul Jannat
Kumar, Shaheel Prashant
Kumarasinghe, Shirani Deepika
Lee, Alexander George Reginald
Lopez, Katherine Beatrice
Magallanes, James Salvador Iorns
Manocha, Sanjana
Marston, James Lawson
McCann, Dominic Francis
McLeay, Alistair John
Meekin, Christopher Brookes
Morgan, Connor Rooney
Mullins, Jaimee Amber
Munn, Ethan Peter James
Ollivier, Samuel Morton
Park, Eugene
Pye Phyo Aung
Riddell-Garner, Isabella Keeley
Roberts, Aidan McKenzie
Rogers, Geordie William
Ruffell, Patrick Robert
Salisbury, Timothy Alexander
Sargisson, Finlay James
Scott, Kelsey Paul
Shalilcrass, Maxwell Stewart
Stallinger, Nicole Jayde
Tam, Doris Wei Ting
Tan, Michael Reece Swee
Tennent, Gabriel John Rumi
Tong, Ho Hin Jeffrey
Walton, Nicholas Jack
Waters, Jeremy William
West, James Peter Thomas
Whitehead, Sophie Rose
Williamson, Tomais Cohen
Yee, Bennette Eicel Tongohan
Young, Daniel James

Postgraduate Diploma in Science

Saji, Nimmy, in Electronic and Computer Systems