



University of Wollongong

# GRADUATION CEREMONY

9:45 am, THURSDAY, 2 OCTOBER, 1997

IN

THE UNIVERSITY HALL

**ENGINEERING, INFORMATICS, HEALTH  
AND BEHAVIOURAL SCIENCES AND  
SCIENCE**



### ARMS OF THE UNIVERSITY

The principal elements incorporated in the Arms of the University are the blue of the sea, the gold of the sand and the red of the Illawarra flame tree. The open book often used for educational institutions has also been included.

The blazon is: "Azure a Book expanded Argent bound and clasped Or on a Chief of the last three Cinquefoils pierced Gules".

### THE UNIVERSITY MACE

In the medieval tradition, the mace is a symbol of the University and the Chancellor's authority as its head, and is carried before the Chancellor on formal occasions such as graduation ceremonies. It is carried on the right shoulder of the mace bearer.

The University of Wollongong mace is constructed from stainless steel and the head is a stylised form of the Illawarra Flame Tree flower from the University's coat of arms. The exterior surface of the mace has a rough finish, symbolising the heavy industrial area of Wollongong, whilst the stamen of the 'flower' is smooth and highly polished to indicate the University's position as a centre for the city and the region. The mace also contains three timber inserts made from one of the three original Moreton Bay figtrees which were a feature of the campus and were estimated to be 500 years old.

The mace was both designed and made by Gino Sanguineti, a local artist, and presented to the University in 1988.

## ORDER OF PROCEEDINGS

### THE PROCESSION AND OPENING

*The Congregation is requested to stand as the procession, including the Academic Staff, the Council and the Chancellor, enters the Hall.*

**PROCESSIONAL ANTHEM:**.....*Gaudeamus Igitur*

**NATIONAL ANTHEM:**.....*Advance Australia Fair*

**CHORAL ITEM:**.....*I Can Tell the World*

*Performed by: Creative Arts Vocal Ensemble*

*Arranged by: J Hairston*

*Directed by: David Vance, BA Hons (UNSW) BMus Hons (Syd) LMusA  
Sub-Dean, Faculty of Creative Arts, Music Development Officer.*

### OPENING

*The Chancellor, Mr M H Codd, AC, BEc(Hons) (Adel) will open the proceedings.*

### CONFERRING OF DEGREES AND AWARDING OF DIPLOMAS AND CERTIFICATES

*Candidates will be admitted to degrees and awarded diplomas and certificates by the Chancellor. The Congregation may applaud as the name of each graduate is announced.*

**MUSICAL INTERLUDE:**.....*Trio for Flute,  
Violin and Basso Continuo  
Adagio, Presto*

*Composer: George P L Telemann (1681 - 1767)*

*Performed by: Genevieve Bodkin, flute; Emily Maguire, violin; Helen Giesaitis, cello; David Vance, harpsichord.*

### OCCASIONAL ADDRESS

*Delivered by Dr (William) Mark Hart, President of Cyprus Australia Coal Company. Dr Hart has earned several postgraduate degrees in Engineering and Environmental Management and related fields from American institutions.*

### THE THANKS

*Professor Gerard Sutton, Vice-Chancellor of the University, will move the vote of thanks.*

### CONCLUSION

*The Chancellor will close the proceedings.*

*The Congregation is requested to stand as the procession retires.*

**RECESSIONAL FANFARE**.....*"Orb and Sceptre"*

*Composer: William Walton*

*as performed by: St Bournemouth Symphony Orchestra, conducted by D Hill.*

## FACULTY OF ENGINEERING

### Bachelor of Engineering

*Department of Civil, Mining and Environmental Engineering*

Risden James Knightley  
Matthew Patrick Mallon  
Ernest Shum

Wojciech Szczepanik  
Joshua William Taylor  
Helen Winterbottom

*Department of Materials Engineering*

David Desmond Comer  
Robert El-Zarif

*Department of Mechanical Engineering*

Jamie Desmond Holt  
Robert Arthur Leighton

Draganco Micovski  
Chee Hoe Yeong

### Bachelor of Engineering / Bachelor of Commerce

Raymond John Lee

### Bachelor of Engineering (Honours)

*Department of Civil, Mining and Environmental Engineering*

Mark Clifford Aldrich (Class III)  
Matthew Ronald Broadfoot (Class II, Division 2)  
Laura Elisabetta Camarotto (Class I)  
Jason Antony Klein (Class III)  
Gianluca Ranzi (Class I)  
Rodney Joseph Sloane (Class II, Division 2)

*Department of Materials Engineering*

Stuart John Gibson (Class III)  
Peter Anthony Nelson (Class III)

*Department of Mechanical Engineering*

Ramon Garcia Garcia (Class III)  
Mirela Zimonjic (Class III)

### Bachelor of Engineering (Honours) / Bachelor of Commerce

Michael Jeffrey Coombes (Class I)

### Graduate Diploma in Engineering

*Department of Mechanical Engineering*

Bassam Batshon  
Anthony James Gerard Cross

Andrew Stephen Phillip  
Yiu Wah Tsang

### Master of Engineering (Honours)

*Department of Civil, Mining and Environmental Engineering*

Jeung Hwan Doh  
David Gunawan

Azhar Hasan Muhammad  
Walter Robert Mullany

*Department of Materials Engineering*

James Alfred Chevis  
Arief Bustaman Soeparto

Heshmatollah Zahiri

*Department of Mechanical Engineering*

Terence Leslie Howard  
Shizhuang Luo  
Md Siddique Mohiuddin  
Hernan Horacio Ratto

Thangavel Vaithigounder  
Wei Wang  
Dong Zhang

### Doctor of Philosophy

*Department of Civil, Mining and Environmental Engineering*

Vijay Keshav Joshi

Thesis: "Effect of Base Course Properties on Performance of Slag Pavements".

*Department of Materials Engineering*

Prosen Jit Basu

Thesis: "Adhesive Bonding of Coated Steels".

Subagyo S

Thesis: "Velocity Distribution of Single Phase Fluid Flow in Packed Beds".

Mustafa Yavuz

Thesis: "Powder Processing of BI-PB-SR-CA-CU-C Superconducting Materials".

## FACULTY OF INFORMATICS

### Bachelor of Computer Science

Christopher James J. Brien  
Keith Ross Burns  
Paul Anthony Duran  
Daniel Robert Farnan  
Gary Wayne Forster  
Nikola Glavan  
Bradley Charles Goldsmith  
Andrew David Gow  
Craig Willis Hicks

Steven Kiss  
Nitesh Mistri  
Thi Thanh Thuy Ngo  
Paul Andrew Sanchez-Ortega  
Adrian Silveri  
William Anthony Stubbs  
Wai Ting Sum  
Jeffrey Michael Walters

### **Bachelor of Engineering**

*School of Electrical, Computer and Telecommunications Engineering*

Azhar Bin Abu Hassan  
Stephen James McFarlane

Anuraag Prasad  
Chin Kok Tan

### **Bachelor of Information and Communication Technology**

Mark Aavik  
Rodrigo Alejandro Gonzalez  
Andrew Iain Mackenzie

Brett Anthony Norris  
Anthony Paul Then

### **Bachelor of Information Technology and Communication**

Samira Bachir  
Andrew David Bartlett

Sim Siaw Khang  
Claude Noel Nehme

### **Bachelor of Mathematics**

Tania May Barrett  
Nhan Uyen Duong  
Ian Dangar Hughes

Mandy Colleen Knight  
Paul Raymond Oxman

### **Bachelor of Mathematics - Bachelor of Computer Science**

Gareth Charles Brisbane  
Joseph Fred Uremovic

### **Bachelor of Computer Science (Honours)**

Markus Hagenbuchner (Class II, Division 1)

### **Bachelor of Engineering (Honours)**

*School of Electrical, Computer and Telecommunications Engineering*

Paul Douglas Massey (Class II, Division 2)

### **Bachelor of Information and Communication Technology (Honours)**

Andrew David Ronald Thomas (Class I)

### **Graduate Certificate in Information and Communication Technology**

Nathalie Veronique Bradbury  
Thien Ha Bui  
Bich Van Cam  
Khoi Do Khac

Manh Toan Nguyen  
Thanh Hai Nguyen  
Hung Nam Pham

### **Graduate Diploma in Science**

Adnan Rashid  
Rayomand Billimoria

### **Graduate Diploma In Statistics**

Donald Kennedy Findley

### **Master of Computer Science**

Sujanapriya Benjamin  
Murray Donald James Hayward  
Farrukh Ahmed Leghari  
Ashwin S. Narayan  
Thang Nguyen Nhu

S.V. Manikya Raju Peddada  
V. N. Prasad  
Yadu Bhushan Sribhashyam  
Sandeep Srivastava

### **Master of Engineering Studies**

Liaqat Ali  
Sun Whee Chow  
Jin Hu  
Parthipan Kandaswamy

Azhar Hussain Khuwaja  
Rajagopalan Lakshmi Narayanan  
Van Hien Nguyen

### **Master of Information and Communication Technology**

Shu Yuen Chiu  
Owais Haroon  
Mansoor Sami Khan  
Wan Jung Kim  
Mark David Paine  
Heon Kyu Park  
Yupin Phumkumpol

Syed Mohammed Sohail Rizvi  
Omid Saberi  
Ill Seop Shin  
Yaowalak Sonthornnond  
Claire Stricker  
Hsien Chih Tseng

### **Master of Statistics**

Jonathan Vincent Gould

### **Master of Engineering (Honours)**

*School of Electrical, Computer and Telecommunications Engineering*

Bernard John Giannetti  
Tippu Hassan

### **Master of Science (Honours)**

*School of Information Technology and Computer Science*

Nitin Devikar  
Siu Cheong Leung

*School of Mathematics and Applied Statistics*

Janine Maree Stewart

## Doctor of Philosophy

*School of Electrical, Computer and Telecommunications Engineering*

Robert Arthur Barr

Thesis: "Series Compensation of Distribution and Subtransmission Lines".

*School of Mathematics and Applied Statistics*

Maureen Patricia Edwards

Thesis: "Exact Solutions of Nonlinear Diffusion-Convection Equations".

*School of Information Technology and Computer Science*

Pushkar Kenneth Piggot

Thesis: "A Fuzzy Controller Prototyping Shell and its Applications in a Sonar-Sensing Mobile Robot Control System".

## Musical Interlude

## FACULTY OF HEALTH AND BEHAVIOURAL SCIENCES

### Bachelor of Arts

Ingrid Theresa Carevic  
Cecily Louise Collison  
Amanda Louise Derbyshire

Nikki Renee Lanham  
Kathryn Lee Seymour  
Annemarie Sorenson

### Bachelor of Exercise Science

Evan J. Stilwell

### Bachelor of Nursing

Young Chun  
Noriko Hara  
Yumiko Ishida  
Shoko Ito  
Mika Kamoshita  
Mika Kanno  
Michiko Kato  
Mui-Chu Leung  
Kaori Motonaga  
Kahoko Nakatsuji

Yoshiko Oshima  
Helen Kay Simpson  
Jeremy James Smith  
Atsumi Tamura  
Tomoko Tayama  
Melinda Jean Tucker  
Sengul Uguz  
Tomoko Umemoto  
Chun Lin Wei  
Cheng Zhao

### Bachelor of Science

Karen Anne Chapman  
Jenny Clare Davis  
Melinda Jane Edwell  
Nicola Susan Ellis  
Nansy Erjavac  
Jason David Foggo  
Joanne Carol Fowler

Steven Glavas  
Yeow Kiang Goh  
Cathy Rose Gorman-Brown  
Alan Love-LaPan  
Andrea Dale MacDonald  
Vanessa Main  
Damon Jeremy McVicar

Vanessa Gay Morand  
Marnie Eileen Murray  
Vesna Nikolova  
Sandra Opychane  
Mark Dennis Peters  
Simone Louise Potter  
Kelly Leanne Rogers  
Myriam Elisabeth Rozas  
Graeme Shepherd

Elisha May Smith  
Zsuzsanna Taylor  
Ingrid Lilli Teda  
Stuart Stephen Tourle  
Sasha Ann Weston  
Lynda Cristine Wise  
Robert Wortley  
Alex John Zuzek

### Bachelor of Arts (Honours)

Kathryn Poston (Class II, Division 1)  
Gemma Mary Ritchie (Class I)

### Bachelor of Science (Honours)

Sharon Patricia McGirr-Clarke (Class II, Division 1)

### Graduate Certificate in Health Policy and Management

Elizabeth Eleanor Hewson  
Allison Maree Johnston  
Karyn Frances O'Reilly  
Debbie Anne Richards

Fiona Jan Tulip  
Helen Siu Ping Wong  
Elaine Guet Meng Yeo

### Graduate Certificate in Mental Health

Michael David McLaren  
Annette Alison Sheil

### Graduate Diploma in Indigenous Health Studies

Roy Eldridge  
Desley Michelle Hunt  
Stephen Kelly

Angela Nye  
Rhelma Slabb  
Margo Ellen Smith

### Graduate Diploma in Science

Stephen Ronald Brooks  
Margaret Mary Brown  
Louise Anne Dell  
Carol Ann Fernie  
Paola Andrea Maraboli

Matthew Graeme Parkyn  
Robin Patricia Peters  
Patricia Reilly  
Amanda Jane Thomas

### Master of Indigenous Health Studies

Christine Carriage  
Jan Sherring

### Master of Nursing

Lai Man Chung  
Sakunrat Puttcharoen

### Master of Public Health

Shu-Ching Chang  
Koo Fung Kuen  
Joanna Kathrine Smith

Noeleen Patricia Tamasin Tunny  
Caroline Jane Williams  
Cannas Kwok Tai Ying

### Master of Science

Karen Anne Chapman  
Nalini Deshpande  
Catherine Margaret Doran  
Adam Paul Drabsch  
Peter James Larkin  
Lynette Ann Lee  
Hui Li Lim

Jane Maree Mackintosh  
Ellen Marie Nightingale  
Bruce McKinstry Power  
Dian Elizabeth Tranter  
Diane Margaret Wiesner  
Ming Da Zhang

### Master of Arts (Honours)

Frances Mary Fagan

### Master of Clinical Psychology

Damien Appleton  
Peter John Defina  
Leanne Tracey West

### Master of Science (Honours)

*Department of Nursing*

Jamileh Malakouti  
Parvin Niknafs

### Doctor of Philosophy

*Department of Public Health and Nutrition*

Mahnaz Fanaian

Thesis: "Factors Influencing the Effects of Diet on Insulin Resistance and Metabolic Parameters in NIDDM".

### FACULTY OF SCIENCE

#### Bachelor of Science

Stephen James Barnes  
Melanie Jane Bowles  
Timothy John Cook  
Justin Matthew Downie  
Brendan Richard Galway  
Matthew David Grant  
Sharron Louise Henderson  
Rebecca Anne Jennings  
Laura Amy Mothersdill  
Rubendra Chan Naidu

Belinda Margaret Roberts  
Mila Sajinovic  
Rahula Amaranath Silva  
Peter Stronach  
Melina Rose Tattersall  
Nicole Maree Thomas  
Payvand Vahdat  
Sandra Ilia Wagner  
Rachel Monique Walkam-Gregson  
Gregory Watson

### Bachelor of Biotechnology (Honours)

Emma Louise Parry (Class II, Division 1)

### Bachelor of Environmental Science (Honours)

Maria Dawn Adams (Class II, Division 1)  
Rodney John Benning (Class II, Division 1)  
Zoran Dokonal (Class II, Division 2)  
Kathryn Louise Korbel (Class II, Division 1)  
Kevin Shane Maloney (Class II, Division 2)  
Peter Charles Robbins (Class I)  
Alexander John Sanders (Class II, Division 2)

### Bachelor of Medicinal Chemistry (Honours)

Piedad Vazquez (Class I)

### Bachelor of Science (Honours)

Suzanne Kay Fyfe (Class I)  
Simon Edward Moulton (Class II, Division 1)  
Roy Kenneth Winstanley (Class I)

### Master of Science

*Department of Chemistry*

Ye Wo

*School of Geosciences*

Yi Hu  
Freweyni Debretsion Kifelemariam  
Sugito  
Aminul Wahib

### Master of Environmental Science (Honours)

Christopher A. Hauserman  
Elizabeth Anne Keegan

### Master of Science (Honours)

*Department of Chemistry*

Jacqueline Boschenok

*School of Geosciences*

Achmad Hakim Sutarwan

## Doctor of Philosophy

Department of Biological Sciences

Nicholas Henry de Jong

Thesis: "The Vegetation Ecology of a Coastal Freshwater Wetland".

School of Geosciences

Angus Pujobroto

Thesis: "Organic Petrology and Geochemistry of Bukit Asam Coal, South Sumatra, Indonesia".

Scott Geoffrey Smithers

Thesis: "The Elevation and Surface Morphology of Microatolls on the Cocos (Keeling) Islands, Indian Ocean".

Department of Physics

Andrew David Warner

Thesis: "A Spectroscopic Study of Acceptors in Germanium".

## Fellows of the University

Dr Brian Gillett, Deputy Chancellor of the University, will present Miss Winifred Smith and Miss Nancy Una Reynolds for admission as Fellows of the University.

## CONFERRAL IN ABSENTIA

*Those whose names appear in the program but who are unable to be present at the ceremony will be admitted to the degrees or awarded the diplomas or certificates for which they have qualified.*

## DEGREES CONFERRED BY THE UNIVERSITY COUNCIL SINCE THE MAY 1997 GRADUATION CEREMONIES

### Graduate Diploma in Education

Thomas William Bauer	8 August 1997
Heather L. Elizabeth Carson	8 August 1997
Josephina Lucia De Borger	8 August 1997
Michelle Devito	8 August 1997
Vivian Evangelidis	8 August 1997
Catherine Ham	8 August 1997
James Norman Hiscox	8 August 1997
Sandra Dianne Hornell	8 August 1997
Evan Jones	8 August 1997
Phillip Lafave	8 August 1997
Kenneth MacKenzie	8 August 1997
Gary Martin	8 August 1997
Nicole Musclow	8 August 1997
Deborah Anne Myrvold	8 August 1997
Jessie Ormseth	8 August 1997
Jennifer Jessica Peck	8 August 1997
Claire Robertson	8 August 1997
Christopher Matthew Robertson	8 August 1997
William Richard Stewart	8 August 1997
Paul Harvey Stewart Taylor	8 August 1997
Lindsey Charis A. Turner	8 August 1997
Shelley Lynn Walters	8 August 1997
Khristina Wood	8 August 1997
Gordon Stewart Wotherspoon	8 August 1997

### Graduate Diploma in Engineering (presented in Hong Kong on 30 September 1997)

CHEUNG, Shun Wah Alexander	8 August 1997
HO, Chim Man Timothy	8 August 1997
HO, Sui Lam	8 August 1997
HON, Lung	8 August 1997
KAN Hok Keung	8 August 1997
KONG, Tat Fun Percy	8 August 1997
KOO, Kwok Hung	8 August 1997
LAM, Chung Kin	8 August 1997
LEUNG, Chi Wing	8 August 1997
LI, Kin Man	8 August 1997
LO, Yiu On Paul	8 August 1997
MAK, Tak Nam	8 August 1997
TSANG, Che Chin Philip	8 August 1997
TSANG, Yiu Wah Joseph	8 August 1997

### Master of Computer Science

Dhavel M. Shah,	8 August 1997
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### Master of Engineering (Honours)

Raha Debashis	13 June 1997
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### Master of Science (Honours)

Robert Ott	8 August 1997
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**Doctor of Creative Arts**

Anthony Hull

8 August 1997

**Doctor of Philosophy**

Xinyang Li

13 June 1997

Gholam Reza Khanlari

13 June 1997

Ali Asghar Jafari

8 August 1997

Ben Li Luan

8 August 1997

Ronald William Murnain

8 August 1997

Stephen Tooth

8 August 1997

**THE CEREMONY OF GRADUATION**

The University of Wollongong has offered university studies for more than 30 years and is known for its energy and innovation in fields ranging from creative arts to communications technology. This University looks towards the 21st century but, in the customs and ceremony of a graduation, it asserts its inheritance from the first Universities of the 12th and 13th centuries. For nearly 900 years, universities have educated and trained leaders of society and produced ideas and instruments of great social and scientific change. Yet, they proudly retain medieval traditions which still visibly celebrate both the achievements of the scholar and graduate and the universities' long commitment to the search for knowledge.

The academic titles and terms of address, the music and, especially, the academic dress distinguish and colour a graduation ceremony. The gowns are modified versions of medieval university dress: all masters and scholars were then members of the clergy. This university has chosen blue gowns for all diplomas and for the Bachelor and Masters degrees. The hoods, originally a useful head cover, are lined with different coloured silks and trims to denote the type of award – for example, the Bachelor of Arts hood is lined with gold silk and the Commerce hood with emerald green. The degree graduates wear blue, tasselled trenchers or mortar boards which were introduced in 17th century Oxford and Cambridge.

The dress for the doctoral degrees, for example Doctor of Philosophy (PhD) and Doctor of Creative Arts (DCA), is distinguished by red facing on the blue gowns and black velvet Tudor Bonnets with coloured tassels. The higher doctorates of Science, Letters and Laws have red gowns faced with blue and a Tudor Bonnet tasselled with silver, gold and purple respectively.

The Chancellor, gowned in black brocade trimmed with gold lace and braid, is the chief dignitary and leader of the university community. The Chancellor presides over meetings of the governing body, the University Council, and confers degrees and diplomas in Council's name.

A graduation ceremony is in many ways an historical pageant but is above all a celebration of individual achievement and the continuing role of the university.