

UNIVERSITY OF WOLLONGONG



**GRADUATION CEREMONY**

9:45 am, FRIDAY, 4 OCTOBER, 1996

IN

THE UNION HALL

**ENGINEERING, INFORMATICS, LAW  
& 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.

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## 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:**....."Fair Phyliss I Saw"

Composer: John Farmer

Performed by: Creative Arts Vocal Ensemble

directed by: Houston Dunleavy, BA (Hist), BMus (Comp) (Melb), MM (Comp) MM (Ch.Cond) (Cleveland), PhD (Comp) (Buffalo), Acting Music Development Officer, University of Wollongong.

The Chancellor, The Honourable Dr R M Hope, AC, CMG, LLB(Syd), Hon LLD (W'gong), will open the proceedings.

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

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

**MUSICAL INTERLUDE**....."Three Preludes for Solo Flute"

Composer: R Muczynski

Performed by: Natalie Wood

### OCCASIONAL ADDRESS

Mr Ian McMaster, Group General Manager, BHP, will deliver the Occasional Address.

Mr Ian McMaster has had a distinguished career in BHP including appointment as Group General Manager, Sheet and Coil Products Division, BHP Steel, Port Kembla. Mr McMaster is currently Group General Manager Assisting the Chief Executive Officer of BHP and will be admitted as a Fellow of the University at this ceremony.

### THE THANKS

Professor Bill Lovegrove, Pro Vice-Chancellor (Research and International) 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

#### Civil Engineering

Erick Octavio Cordero  
Raymond Hezkial

Carlos Armando Luppi  
Pece Stevanovski

#### Mechanical Engineering

Gregory James Howard  
Fadi Maarabani

Matthew Pajic  
Paul Bernard Rand

#### Materials Engineering

Nigel Graeme Ross

### Bachelor of Engineering (Honours)

#### Civil Engineering

Adam Piotr Adamczewski (Class III)  
Dario Giovanni Beccia (Class II, Division 2)  
John James Borg (Class II, Division 2)  
Daniel Scott Davies (Class II, Division 2)

Craig Steven Dolby (Class III)  
Craig Anthony Gocher (Class III)  
Domenico Saffioti (Class II, Division 2)

#### Environmental Engineering

Melanie Rebel Kennedy (Class II, Division 2)  
Sally Louise Thompson (Class III)

#### Materials Engineering

Steven John Guy (Class II, Division 2)  
David Iain Otsyula (Class II, Division 2)

#### Mechanical Engineering

Michael Cant (Class II, Division 1)  
William Peter Chant (Class I)  
Benjamin Clear (Class III)  
Sam Gordon Bruce Cole (Class III)  
Daniel Bruce Connell (Class II, Division 2)  
Simon Andrew Gaynor (Class II, Division 1)  
David Keith Greening (Class III)

Garry John Luyten (Class I)  
Benjamin James Maher (Class I)  
Timothy Giles Moss (Class I)  
Philip Neville (Class II, Division 2)  
Neill Jeffrey Phillip (Class II, Division 2)  
Mark Alan Thomas (Class II, Division 1)

#### Mining Engineering

Hazlan Abdul Aziz (Class II, Division 2)  
Anuar Hamzah (Class II, Division 2)

Dean Anthony Jarvis (Class II, Division 2)

### Bachelor of Engineering / Bachelor of Commerce

Donald Roy Fraser

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

Adam Robert Frare (Class III)  
Arlene Nardone (Class III)

### Graduate Certificate in Total Quality Management

Christopher Francis Butler  
Richard John Humby  
Helia Maria Inacio  
Peter Owen Morley

Michael Risi  
Dianne Michelle Slater  
Neil Douglas White

### Graduate Diploma in Engineering

Mei Wo Chan  
Faris Kasim Mahmood  
Roger Daniel Pecnik

### Graduate Diploma in Science

Megan Sampson

### Graduate Diploma in Total Quality Management

Lindsay Ronald Adams  
Raymond James Aitken  
Graham Neil Berry  
Keen Weng Chang  
Amanda Chuan Li Choo  
Chee Kiong Chow  
Kok Leong Chua  
Raymond Chua  
Khee Wah Fong

Victoria Kristin Hauke  
Tee-Siaw Koh  
Lee Thiam Lee  
Guan Kai Ong  
Sin Hee Phuah  
James Raymond Shipway  
Sok Peng Sieow  
Chee Chew Thia  
Enk Chong Wong

### Master of Engineering Studies

Moh Sugiri Adhi  
Firmansyah Anas Boedjang  
Suherman Asril  
Ahmad Atqu Asyhari  
Iwan Pria Darmawan  
Farjumzal  
Haris Permady  
Aidun Dudung Herianto  
Gunawan Indra Gunawan  
Bambang Ismoyo  
Istamar Istamar  
Indra Lukman  
M Vip Hidayat  
Nadjib Mochamad  
Mochamad Sun'an  
Nurhudin Muhammad Yusuf  
Agus Achmaad Mussabiq  
Kamarul Hajar Nasution  
Jarmi Nur  
Yuslim Oezer

Ronald T H Panggabean  
John Charles Pardosi  
Slamet Riyadi Poemomo  
Syahrir Syah Pohan  
Christian Sadhono Putro  
Deck Riyadi  
Alvin Wardhana Saanin  
Paulus Rinaldi Heru Santosa  
Djoko Santoso  
Hotland Siringoringo  
Widodo Sony  
Herri Suprpto  
Hery Susanto  
Dwi Murdijanto Sutopo  
Sardjono Tri Tunjung Wasis  
Nasril Umar  
Pudia Widada  
Agus Widayanto  
Yayat

### Master of Engineering (Honours)

*Department of Civil and Mining Engineering*

Raja Gutta  
Zahid Hafeez Khokhar

Laxman Rao Koti  
Prem Chand Kolla

Nihad Ridha  
Shupratim Saha  
*Department of Mechanical Engineering*

James F Worthington

Seyed Ahmad Moosavian  
Christina Novitha  
Srinivas Soma  
Alvin Lindsey Zechariah

### Master of Science (Honours)

*Department of Mechanical Engineering*

William Roman Vatovec  
George Ernest Wood

### Master of Total Quality Management (Honours)

Neville Lindfield Seager

### Doctor of Philosophy

*Department of Materials Engineering*

Amir Abdollah-Zadeh

Thesis: "The Investigation of Deformation, Recovery, Recrystallization and Precipitation in Austenitic HSLA Steel Analogue Alloys".

Seyed Sadegh Ghasemi Banadkouki

Thesis: "Transformation Characteristics and Structure-Property Relationships for a Copper Bearing HSLA Steel".

Huijun Li

Thesis: "The Development Of New Iron Based Shape Memory Alloys".

*Department of Mechanical Engineering*

James Patrick Kissane

Thesis: "Optimising Alumina Feeders in Aluminium Smelting Pots".

### FACULTY OF INFORMATICS

#### Bachelor of Computer Science

Siu Kei Au  
Khac Dat Au Duong  
Nicholas Bacchus  
Timothy Charles Bannister  
Hung Manh Do  
Jason Richard Douglas  
Craig Ernest Mitchell  
David Andrew Philpott  
Sharon Tracy Sabbarton

Stephen John Short  
Alfred Sirianni  
Darren Michael Smith  
Stephen James Titmuss  
Geoffrey Paul Tyrrell  
Sandra Joy Volk  
Kitman Wong  
Allan William Worthington  
Hsiuru Wu

#### Bachelor of Computer Science (Honours)

Soheil Adabjou (Class I)  
Lusiana (Class I)

## **Bachelor of Engineering**

### *Computer Engineering*

Peter Milenkovski  
Payam Motallebi

### *Electrical Engineering*

Derek Maynes  
Loretta Threlfo

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

### *Computer Engineering*

Riaz Mohammadi Nasrabadi (Class II, Division 2)

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

Lachlan Kirk  
Moon Shic Park  
Malcolm Lloyd Wilson

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

Jane Fowler (Class II, Division 2)

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

Mark Henry Beale  
Joanne Maree O'Connor

## **Bachelor of Mathematics**

Gavin Anthony Abra  
Kenneth Jack Charlton

Raymond David Mera  
Hanh My Thi Tran

## **Bachelor of Mathematics (Honours)**

Scott Matthew Harrison (Class I)

## **Graduate Certificate in Engineering**

Yourk Soboros

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

Alpana Aggarwal  
Shyam Sunder Aggarwal  
Bijoy Kumar Biswas  
Mathilde Louise Lekatompessy  
Shing-Kong Lo

Mangihut Marpaung  
Samuel  
Arvind Sinha  
NB Singh

## **Graduate Diploma in Science**

Sandra Patricia Cardona  
Vinh Hoang  
Chor Wah Man  
Sriram Radha Seshadri

## **Graduate Diploma in Statistics**

Abhinesh Chand

## **Master of Computer Science**

Zulhefi Abidin  
Chidambaram Chidambaram  
Vindy Kumar Chilakapti  
Srikanth Jagannath  
Prashant Jain  
Anil Kumar Konkimalla

Harendra Mariappa  
Stephen John McCarthy  
Konduru Chandra Sekha Raju  
Yongbin Shen  
Venkateswara Rao Vaddineni  
Henry Wahyudi

## **Master of Engineering Studies**

Bo Mattias Andersson  
Hsien-Yi Chou  
Dhiren Dedhia

Qing Rong Gu  
Devendra Modi  
Lakshmi Narayana Rao Muthanchetty

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

Yu Fei Lee

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

Prapinporn Chantarasarn  
Lin Francis Hampton  
Moiezur Rahman Khan  
Michael Karl Lawrence-Slater

James Paul  
Charalambos A Pavlides  
Hans Patrick Hardi Widjaja

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

### *Department of Mathematics*

Ramzy M Rizkallas

## **Doctor of Philosophy**

### *Department of Computer Science*

Il Kyu Lee

Thesis: "A Performance Model for Parallel Real-time Systems".

### *Department of Electrical and Computer Engineering*

Eryk Dutkiewicz

Thesis: "Modelling and Analysis of Hierarchical Control Systems Operating in a Multiservice Telecommunications Environment".

*Musical Interlude*

**FACULTY OF LAW**

**Bachelor of Laws**

Trang Nguyen  
Angela Marie Walton

**Bachelor of Laws (Honours)**

Mimma Barila (Class II, Division I)  
Robert Cakarovski (Class II, Division 2)  
Stephanie Hill (Class II, Division 2)

**Double Degrees**

**Bachelor of Arts / Bachelor of Laws**

Adorina D'Arcy (Class II, Division II)  
Amanda Anne Hamilton-Foster (Class II, Division 2)  
Carolyne Gaye Mcleod (Class II, Division II)

**Bachelor of Commerce / Bachelor of Laws**

Phillip John Carey  
Adam Nicholas Giles Tooth (Class II, Division 2)

**Bachelor of Science / Bachelor of Laws**

Aaron Nicholas Davis (Class II, Division II)  
Markus Musielak

**Graduate Diploma in Law**

Bruce Wallington Turner

**FACULTY OF SCIENCE**

**Bachelor of Science**

Christopher Andrew Childs  
Linda Jayne Christensen  
Kirsty Nicole Churchill  
Tanya Ruth Cupper  
Christine Mary Doble  
Penny Anne Dunn  
Marco Forlano  
Judith Susan Grellman  
Trung Ich Hinh  
Barry James Hodgson  
Ton Huynh Xuan  
Brian Craig Kirton  
Kathryn Hope Lenham  
Kylie Anne Lucas

Tania Marcolin  
Danielle Marie Martin  
Leigh-Ann Claire Matthews  
Mandy Jane Mortimer  
Jason Matthew Salmon  
David Edmond Scerri  
Susanne Jane Smithers  
Wayne Eliot Stokes  
Marcus Jon Stowar  
John Anthony Studdert  
Rebecca Joan Towers  
Miriam Antoinette Vandenberg  
Douglas Royce White

**Bachelor of Science (Honours)**

Vanessa Louise Allen (Class I)  
Jelders Michael Davey (Class II, Division 1)  
Lidia Claudia Fera (Class I)  
Colleen Therese Gleeson (Class II, Division 1)  
Nathan Aaron Knott (Class I)  
Jeremy Keenan Little (Class II, Division 1)  
Raellie Alison Smith (Class I)  
Rosemary Felicity Smith (Class II, Division 1)  
Andrew Kenneth Wales (Class II, Division 1)  
Sonia Woodhouse (Class II, Division 1)

**Bachelor of Environmental Science**

Haw Chuan Lim

**Bachelor of Environmental Science (Honours)**

Amber Louise Johnstone (Class II, Division 2)  
Ryan Anthony Smithers (Class I)  
Ross Anthony Vickers (Class II, Division 1)

**Graduate Diploma in Science**

Jason Anthony Shaw

**Master of Arts (Honours)**

Seeta Sharma

**Master of Science**

Linda Diana Frew

**Master of Science (Honours)**

*Department of Biological Sciences*

Tripty Akbar Hirani  
Ronald Edward Newman

*School of Geosciences*

Maria Coleman

*Department of Physics*

Stacy Lyall Mader

**Master of Environmental Science (Honours)**

Teri Ann Bellamy  
Mathew Garrod  
Daniel Francisco Gil

Dustin Heath Lavery  
Colin Milton Pinney



## Doctor of Science

*Department of Biology*

Alan Murray Johnson

Thesis: "Detection and Differentiation of Species in the Family Sarcocystidae Poche, 1913".

## Doctor of Philosophy

*Department of Chemistry*

Bart Eschler

Thesis: "The Synthesis and Properties of Novel Nitrogen - Containing Bridged Heterocyclic Systems and Derivatives".

I Made Sudarma

Thesis: "Nitrogen Containing Heterocycles Derived From Isoquinoline Alkaloids".

*School of Geosciences*

Mohammad H Ghobadi

Thesis: "Engineering Geologic Factors Influencing the Stability of Slopes in the Northern Illawarra Region".

Andrew John Mandile

Thesis: "Application of the Rietveld Method to Oil Shale Sequences and Related Rocks".

Stuart Clifford Tye

Thesis: "Stratigraphy, Sedimentology and Tectonic Significance of the Talaterang and Shoalhaven Groups in the Southern Sydney Basin".

## FELLOWS OF THE UNIVERSITY

*Professor Gerard Sutton, Vice-Chancellor of the University will present for admission as a Fellow of the University:*

Mr Ian Mc Master

*Mr James Langridge, Vice-Principal (International), will present for admission as a Fellow of the University:*

Mr George Maltby

## 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 1996 GRADUATION CEREMONIES

### Master of Computer Science

Srinivas Tallapureddy . 14 June 1996

### Master of Business Administration

Seby Alapatt 14 June 1996

### Master of Engineering (Honours)

Seyed Sadegh Ghasemi Banadkouki (Materials Engineering) 9 August 1996

### Doctor of Creative Arts

Noria Takamiya 14 June 1996

### Doctor of Philosophy

Mir Reza Majidi (Chemistry) 14 June 1996  
Parveen Akhtar (Chemistry) 9 August 1996  
Ahmad Baraani-Dastjerdi (Computer Science) 9 August 1996  
Abdollah Javidan (Chemistry) 9 August 1996  
Morteza Khademi-Doroh (Electrical & Computer Engineering) 9 August 1996  
Abolghasem Pour Reza Anvar (Public Health & Nutrition) 9 August 1996  
Jamshid Shanbehzadeh (Electrical & Computer Engineering) 9 August 1996

### **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 of 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 a red tassel for the PhD and a blue one for the DCA. 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.