

UNIVERSITY OF WOLLONGONG



# GRADUATION CEREMONY

9.45 am, WEDNESDAY, 12th MAY, 1993

IN

THE UNION HALL

ENGINEERING AND INFORMATICS



#### 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 FANFARE: *Four Shapes*.....Mitchell Whitelaw

Trumpets: Philip Slater, Graeme Hickey

Trombones: Mitchell Whitelaw, Tara Fermor

*The Fanfare was commissioned from Mitchell Whitelaw, an honours student in the School of Creative Arts*

CHORAL ITEMS.....THE UNIVERSITY SINGERS

*Directed by David Vance, BA NSW, BMus(Hons) Syd, LMusA, Music Development Officer*

*Gaudeamus Igitur*.....Traditional

*Pastime with Good Company*.....Henry VIII

*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

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

### MUSICAL INTERLUDE

*Valse Brillante, Op. 34 no 1*.....Frédéric Chopin  
(1810-1849)

*Piano: Bethany Cook holds the 1993 Harry Maldon Scholarship for piano studies at Wollongong University Conservatorium of Music.*

## OCCASIONAL ADDRESS

*Mr Ian McMaster, BE(Met) (Melb), ME (N'cle NSW), will deliver the Occasional Address.*

*Ian McMaster is the Group General Manager, Sheet and Coil Products Division BHP Steel. Mr McMaster joined BHP as a Scholarship Holder in 1966. Since then he has held many executive positions including Superintendent, Organisation Planning and Development and Group General Manager, Wire Products Division.*

## THE THANKS

*Professor G. R. Sutton, Acting Vice-Chancellor, will move the vote of thanks.*

## CONCLUSION

*The Chancellor will close the proceedings.*

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

## FACULTY OF ENGINEERING

### Bachelor of Engineering

#### *Civil Engineering*

Timothy John Anger  
Philip Tetoka Campbell  
Tino Roberto Ferrero  
Nichola Francesco Geracitano  
Valero Jimenez  
Michael Anthony Malone  
Tarik Mostafa  
Julia Mohd Nor

Gonzalo Esteban Olea  
Andrew Robert Palmer  
Alan Christopher Preller  
Kenneth Waikin Seeto  
Sean Charles Senbruns  
Jason Matthew White  
Glenn Robert Williams

#### *Materials Engineering*

Christopher Robert Benn  
Lube Dimovski  
Stuart Peter Johnston

#### *Mechanical Engineering*

Mauricio Mena  
Drago Music  
John Robert Neal

Allan George Smith  
Steven Vetsikas  
Nalaka Vitharana

#### *Mining Engineering*

Michael John Farlam  
David Johnston McLean  
Luke Benedict Pickering

### Bachelor of Engineering (Honours)

#### *Civil Engineering*

Glenn David Avery (Class III)  
Karen Renee Brien (Class II, Division 2)  
Bobby Cvetkovski (Class II, Division 2)  
Mark Graham Davison (Class II, Division 1)  
Jose Luis Gonzalez (Class III)  
Matthew Sidney Houghton (Class II, Division 1)  
John Kalabric (Class III)  
Bill Lozevski (Class III)  
Petar Milevski (Class I)  
Stuart Nathaniel Milling (Class II, Division 2)  
Rodney Bruce Tippett (Class III)  
Anthony Nicholas Vavros (Class II, Division 1)  
Brad Anthony Woodford (Class II, Division 2)

### Bachelor of Engineering (Honours) (Cont'd)

#### *Materials Engineering*

Linda Jane Brennan (Class II, Division 2)  
Ian Graeme Clayton (Class III)  
Andrew Robertson Fairbank (Class II, Division 1)  
Penny Louise Fairhall (Class I)  
Timothy John Jaques (Class III)  
Leanne Langdon (Class II, Division 1)  
Elizabeth Lynette Monro (Class II, Division 1)  
Detlev Karsten Mueller (Class III)  
Justin Leonard Russell (Class II, Division 2)  
Ross John Schuback (Class II, Division 2)  
David Ian Smith (Class II, Division 2)  
Roderick Alan Snashall (Class II, Division 2)  
Wayne Roger Staff (Class III)  
Stephen Joseph Tilden (Class II, Division 2)  
Mark Rein Visser (Class III)

#### *Mechanical Engineering*

Cheong Chi Fuong (Class III)  
Christopher Martin Cook (Class II, Division 1)  
Robert Dietrich (Class III)  
Leonardie Daniel Herlim (Class III)  
Andrew Glenn Job (Class II, Division 1)  
Shane Joseph King (Class II, Division 1)  
Steven Frank Mooney (Class III)  
Tome Naumovski (Class III)  
Brian James Rowley (Class II, Division 1)  
Wayne Jeffrey Russell (Class II, Division 2)  
Jason Glen Shepherd (Class III)  
David Clement Smith (Class II, Division 2)  
Michael Patrick Tibbs (Class I)  
Craig Andrew Towers (Class II, Division 1)  
Ian Wright (Class II, Division 1)  
Timen Stewart Zylstra (Class I)

#### *Mining Engineering*

Matthew Cooper (Class III)  
Geoffrey Frank Dunstan (Class III)  
Charles Richard Drayton Goldsmith (Class II, Division 2)

## Bachelor of Engineering/Bachelor of Commerce

### *Civil Engineering*

Sergio Gustavo Mantella-Galli  
Bruce Hugh Standen

## Bachelor of Engineering (Honours) and University Medal

### *Materials Engineering*

Bryan Andrew Shedden (Class I)

## Graduate Diploma in Engineering

John Kostogiannis

## Graduate Diploma in Science

### *Total Quality Management*

Martin Charles Cowley  
Michelle Maria Duff  
Peter John Gandy  
Rodney Ewan Gray  
Suzanne Margaret Horsfall  
Johannes Antonius Kuit  
Noal David Lane

Andrew James Liddle  
Walter Harold Nuske  
Boon Thye Ong  
Alan William Smart  
Thomas Wayne Thompson  
Dirk Jan Visman  
William Wessel

## Master of Engineering (Honours)

Damrong Dejsakulrit  
Tri Djaka  
Catherine Louise Kinsey  
Djoko Muljono  
Behzad Niroumand

Jing Peng  
Mark Salvaterra  
Forood Sharifi  
Parulian Sinaga  
Wong Meng San

## Doctor of Philosophy

- *Department of Civil and Mining Engineering*

Xue Chun Cui  
Thesis: "The Effect of Gas Pressure on Coal Strength"

- *Department of Materials Engineering*

Neville Thomas Hodgkinson  
Thesis: "Online Dynamic Analysis of the Aerodynamic Thermodynamic and Metallurgical Aspects of the Blast Furnace Process"

## Doctor of Philosophy (Cont'd)

- *Department of Mechanical Engineering*

Mahrous Yousef Ibrahim  
Thesis: "Dynamic Performance Characteristics of Robot Manipulators"

Renhu Pan  
Thesis: "Improving Scale-up Procedures for the Design of Pneumatic Conveying Systems"

## FACULTY OF INFORMATICS

### Bachelor of Computer Science

Soheil Adabjou  
Sima Alenaddaf  
Zan Anastovski  
Kirk Hedley Barrett  
James Roger Baxendale  
Warrick Jeffrey Bradney  
Gregory Terrence Brennen  
Maria Cicillia Nelly Budiharto  
Li-Ta Allen Chiang  
Chong Hoi Meng Ronnie  
Henry Chuor  
Stephen John Cliffe  
David Andrew Dodds  
Gavin Joseph Farmer  
Jovita Firmandi  
Dirk Rudolf Goes  
Adam Paul Golding  
Yiu Cheong Alfred Heung  
Dean Anthony Hudson  
Nicholas John Kervin  
Thanh Linh Le  
Hieu Lee  
Zhong Yong Li  
Liu Tai-Kung  
Simatupang Lukman  
Michael John Mock

Manh Cuong Nguyen  
Zeliha Ozbal  
John Palozzi  
Anil Patel  
Hong Thuy Pham  
Brett Douglas Pound  
David Anthony Puckeridge  
Chrisa Repas  
John Joseph Repetylo  
Melissa Jane Roan  
Stephen Michael Ryan  
Anil Sachdeva  
Maria Isabel Sanchez  
Vanessa Marian See  
Ivan A. Seguel  
Darrin Jon Smart  
Jennifer Margaret Smith  
Jason Stefan Strecker  
Djonny Suwanto  
Benjamin Clifford Swinfield  
Kenneth Lai Beng Tan  
George Tankoski  
Tse Yan Leung  
Silvana Velickovska  
Lok Man Louis Wong  
Chai-Hung Wu

## Bachelor of Engineering

### *Computer Engineering*

Ercihan Biyik  
Zhibang Chen  
Leang Sereyboth Heng  
John Katsoudas  
Faraz Khan

Caman Luc  
Stuart McIvor  
Jimmy Naumovski  
Mohammad Salim Olime

### *Electrical Engineering*

Khaled Mohamad Ali  
Thomas Budi Almadja  
Stephen Michael Bourke  
Mohd Din Che Ramli  
Christian Andres Cortes  
Farzad Ebrahimzadeh  
Dominic Leahy  
Peter Ian Matthews  
Ganaraja Nagaratnam  
Lan Hong Pham

Peter John Reedy  
Stephen James Rudan  
Dahlan Bin Stam  
Heath David Stranger  
Nghie Sieu Thai  
Chew Tong Theng  
Andy Wei Ping Wong  
Maria Zearo  
Dimce Zengoski

## Bachelor of Engineering (Honours)

### *Computer Engineering*

Luigi Berlanda (Class II, Division 2)  
Redmond Allan Cullen (Class II, Division 2)  
Michael David Gallagher (Class II, Division 1)  
Bernard John Giannetti (Class II, Division 2)  
Philip James Todkill (Class II, Division 2)

### *Electrical Engineering*

Roger Bowman (Class II, Division 2)  
Snezana Dragisic (Class II, Division 2)  
Tippu Hassan (Class II, Division 2)  
Kevin George Lill (Class II, Division 2)  
Tony Yijian Liu (Class I)  
Linda Jane Murdoch (Class I)  
Tenzin Dolma Norbhu (Class II, Division 1)  
Pham Anh Tien (Class II, Division 1)  
David James Robinson (Class II, Division 2)  
Patricia Mary Shanahan (Class II, Division 2)  
Matthew Webb (Class II, Division 1)  
James Allen Whitehall (Class II, Division 2)

## Bachelor of Mathematics – Bachelor of Engineering

### *Electrical Engineering*

Michael Patrick Durrell

## Bachelor of Mathematics – Bachelor of Engineering (Honours)

### *Electrical Engineering*

Graham Ian Denney (Class I)

## Bachelor of Science – Bachelor of Engineering (Honours)

### *Electrical Engineering*

Andrew Jan Frikken (Class II, Division 1)

## Bachelor of Information Technology and Communication

Kirsty Adrienne Allen  
Nicola Angelucci  
Gustavo Rodrigo Bahamondes  
David Montrose Dixon  
Katrina Ruth Forbes  
Timothy James Hood  
Maria Mangos

Rosa Marciano  
Christos Papadopoulos  
Angela Rotziokos  
Azhar Ali Sahib  
Benjamin John Scott  
Quyen Gia Tran

## Bachelor of Information Technology and Communication (Honours)

Alice Alonso (Class II, Division 2)  
Meredith Jean Brady (Class II, Division 2)  
Beng Keat Choong (Class II, Division 2)  
Kerrie Lynn Dyson (Class II, Division 2)  
Catherine Evelyn Philpot (Class II, Division 2)  
Jean Loughlin Smith (Class II, Division 2)  
Tina Stamoulis (Class II, Division 2)

## Bachelor of Mathematics

Tracey Elizabeth Armstrong  
Adam Douglas Bailey  
Ross Anthony Barrett  
Martin Michael Bower  
Steven Gregory Brown  
Elias Chalouhi  
Marco Giacomo Fabiani

Ian Patrick Farrell  
Kelly Lee Flanagan  
George Kyriacou  
Dennis Lam  
Jane Elizabeth Lovett  
Stephen John McCarthy  
Daniel Anthony Mackay

## **Bachelor of Mathematics (Cont'd)**

Nghi Nguyen  
Thanh Hong Nguyen  
Josephine Louise Rothenfluh  
James Sara  
Brian John Smithson  
Donyahl Spicer

Parichat Sukapojana  
Hung Phat Tran  
Olaf Johannes Urban  
Glenn Mark Vassallo  
Roslyn Julie Wetten

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

David Gary Jefford, Class II, Division 1)  
Jan Maree McCarthy (Class I)  
Brandon Malcolm Pincombe (Class I)  
Rodney Venn (Class I)

## **Bachelor of Mathematics (Honours) and University Medal**

Grant Andrew Moule (Class I)

## **Graduate Diploma in Computing Science**

Emmanuel Abad Coronado  
Ma Giai Hoa  
Peter John Nicholson

## **Master of Computer Science**

Chi-Yuen Chan  
Andrew Kenneth Milton

Ronaldo Rebenque  
Kwok-Leung Tsang

## **Master of Engineering Studies**

Allan John Connolly

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

Peter Evans  
Wing Tong Ip  
Josés August Kenneth  
Penelope Sue McFarlane

Yvonne Anne Mikita  
Ng Chee Kin  
Van Tuyet Nguyen

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

David Phillip Evans  
Anne Louise Porter

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

Mansour Esmaili  
Alireza Jalilian

## **Doctor of Philosophy**

- *Department of Mathematics*

Adrian Hall Pincombe

Thesis: "On the Microwave Heating of Materials with Temperature Dependent Properties"

- *Department of Electrical and Computer Engineering*

David Anthony Hughes

Thesis: "Traffic Control for Broadband ISDN"

## **CONFERRAL IN ABSENTIA**

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

## NOTES

### DEGREES CONFERRED BY THE UNIVERSITY COUNCIL SINCE THE MAY 1992 GRADUATION CEREMONIES

#### Doctor of Creative Arts

José Aerts 2 April 1993

#### Doctor of Philosophy

Antoinette Tordesillas (Mathematics) 2 April 1993

Soemoenar Soeka (Geology) 14 August 1992

Mukeshchandra Kantilal Desai (Mechanical Engineering) 2 April 1993

#### Master of Commerce (Honours)

Punyasiri Subasinghe (Economics) 14 August 1992

Godamada Vithanage Somasiri Perera (Economics) 14 August 1992

#### Master of Education (Honours)

Bridget Marion Barton 11 December 1992

#### Master of Engineering (Honours)

Widandi Soetopo (Civil & Mining Engineering) 10 April 1992

#### Master of Commerce

Jag Lal Gobardhan (Accountancy) 12 June 1992

#### Graduate Diploma in Education

Carole-Ann Pearson 11 December 1992

### AMENDMENTS TO THE MAY 1992 GRADUATION BOOKLET

#### Bachelor of Arts

The following graduate's name was not included in the booklet:

Natalie Louise Moran

#### Bachelor of Commerce

The following graduates' degrees should have been awarded "with Merit":

Adrian John Pin

Phillip Noel Cooper

### 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.