



THE UNIVERSITY OF NEW SOUTH WALES

## **CONFERRING OF DEGREES**

WOLLONGONG • FRIDAY 4th MAY 1973 • 10.30 a.m.

WOLLONGONG UNIVERSITY COLLEGE



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## ORDER OF PROCEEDINGS

The Procession will proceed to the dais, the Congregation standing.

### GOD SAVE THE QUEEN

The Chancellor, Sir Robert Webster, CMG, CBE, MC, Hon. DSc, FASA.

Professor C. A. M. Gray, Hon. JMN, BSc ME Syd., CEng, FAIM, FIMechE, MICE, MIEAust, Warden, Wollongong University College, will present to the Chairman candidates for admission to degrees in the Faculty of Engineering. The Chairman will present the candidates to the Chancellor.

The Warden will present to the Acting Dean candidates for admission to degrees in the Faculty of Arts. The Acting Dean will present the candidates to the Chancellor.

The Warden will present to the Pro-Vice-Chancellor candidates for the award of the Diploma in Education. The Pro-Vice-Chancellor will present the candidates to the Chancellor.

The Warden will present to the Dean candidates for admission to degrees in the Faculty of Science. The Dean will present the candidates to the Chancellor.

The Warden will present to the Dean candidates for admission to degrees in the Faculty of Applied Science. The Dean will present the candidates to the Chancellor.

The Warden will present to the Dean candidates for admission to degrees in the Faculty of Commerce. The Dean will present the candidates to the Chancellor.

Professor G. Brinson, MSc *Melb.*, PhD *Sheff.*, FIM, MAusIMM, Head of the Division of Engineering and Metallurgy, Wollongong University College, will deliver the Occasional Address.

The Pro-Vice-Chancellor, Professor A. H. Willis, DSc(Eng) *Lond.*, CEng, FIMechE, MIEAust, MemASAE, WhSc.

The Procession will retire, the Congregation standing.



# CONFERRING OF DEGREES

## I. FACULTY OF ENGINEERING

PRESENTED BY PROFESSOR T. K. HOGAN  
CHAIRMAN OF THE FACULTY

### **PhD DOCTOR OF PHILOSOPHY**

ELECTRICAL ENGINEERING

Owen James Tassicker, *MEE Melb.*

Thesis: "Some aspects of the forces on charged particles in electrostatic precipitators."

### **ME MASTER OF ENGINEERING**

ELECTRICAL ENGINEERING

George Ernest Wood, BE

Thesis: "A mathematical model for the study of the six stand hot finishing mill at Australian Iron & Steel Pty. Ltd., Port Kembla."

### **MEngSc MASTER OF ENGINEERING SCIENCE**

MECHANICAL ENGINEERING

Robert John Davey, BSc(Tech)

### **BE BACHELOR OF ENGINEERING**

CIVIL ENGINEERING

Stephen John Vine (Honours Class II, Division I)

Gilbert Abilheira Clemente

John Leslie Holland



ELECTRICAL ENGINEERING

Paul Francis Phillips, BSc — (Honours Class I)  
Raymond James McHardie (Honours Class II, Division I)  
Phillip John McKerrow (Honours Class II, Division I)  
Lee Raymond Stirzaker, BSc — (Honours Class II, Division I)  
Michael Gregory Worne (Honours Class II, Division II)  
Malcolm David Graham  
Kurt Erich Lettau, BSc

MECHANICAL ENGINEERING

Michael George Byrne (Honours Class I)  
Christopher Jermey (Honours Class I)  
Geoffrey Norman Dryden (Honours Class II, Division I)  
Gordon David Jervis (Honours Class II, Division II)

**BSc(Eng) BACHELOR OF SCIENCE (ENGINEERING)**

CIVIL ENGINEERING

Robert James Bishop  
Gary Francis Leahy

ELECTRICAL ENGINEERING

Michael John Ellis (With Merit)  
Anthony Terrence Braddock  
Bruce William Glover  
Bryan Anthony Hanley  
Ian Douglas Young

MECHANICAL ENGINEERING

George Demiris (With Merit)  
Trevor Donaldson (With Merit)  
Geoffrey Owen Hancock (With Merit)  
Bruce Edmund Wiley (With Merit)  
Barry John Hart  
Robert Ambrose Hekking  
Brendan William White



## II. FACULTY OF ARTS

PRESENTED BY PROFESSOR D. M. McCALLUM  
ACTING DEAN OF THE FACULTY

### MA MASTER OF ARTS

MATHEMATICS

Joan Adele Shaw, BA DipEd MEd Syd. HONOURS CLASS II  
Thesis: "Mathematical models for the Wollongong urban  
area."

### BA BACHELOR OF ARTS

#### Special Studies

ECONOMICS

Karl Goran Runeson (Honours Class I)  
Allan Hugh McMaster (Honours Class II, Division II)  
William Edward Roberts (Honours Class II, Division II)

ENGLISH

Carmel Mary Pass (Honours Class I)  
Lynn Margaret Edwards (Honours Class II, Division I)  
Stephen John Williams (Honours Class II, Division I)  
Elizabeth Christina Neilson (Honours Class II, Division II)

#### General Studies

Clive Alexander Arthur	Flora Erven
Barry Reginald Banks	Helen Elizabeth Howchin
Christina Elizabeth Bradley	Dianne May Ison
Jan Paula Brownlow	Aino Helmi Kokkila
Geoffrey Arthur Carwardine	Lorraine Koperberg
Irene Grace Cormack	Anne Veronica Lear
Rudolf Peter De Jager, BSc Syd.	Lynne Simon Lear
Margaret Edmonds	Stephen Ronald Lyons



Tony Kelso Mark  
Anne Maree Meehan  
Kathryn Faye Merrett  
Lyn Florence Miller  
Susan Noella O'Keefe  
Arthur Joseph Pearson  
Gladys Pickering  
Gwenneth Rosemary Prior  
Lynette Elizabeth Prosser  
Geraldine Mary Ring  
Linda Fay Robbins

Darryl Milburn Roberts  
James Parker Robertson  
Glen Edward Rowe  
Susan Margaret Schofield  
Anne Marie Snowball  
Lois Narelle Snowden  
Robyn Joy Walls  
Pauline Mary Widdup  
Raymund John Woods  
Yvette Youssif

### III. BOARD OF VOCATIONAL STUDIES

PRESENTED BY PROFESSOR A. H. WILLIS

PRO-VICE-CHANCELLOR

#### **DipEd DIPLOMA IN EDUCATION**

Maria Grazia Arcioni, BCom  
Kevin Charles Bannerman, BA  
Cheryl Joy Barnes, BA  
Mary Anne Bourke, BSc  
Michael Francis Dwyer, BA  
Lynn Margaret Edwards, BA  
Warwick Norman Funnell, BA  
Warren Ross Grant, BA  
Geraldine Hart, BA  
Lesley Christine Hollands, BA  
John Stuart Kennedy, BA  
Judith Ann Knott, BA  
Peter Charles Malone, BA  
Roslyn Ann Mayberry, BA



James Bruce Miller, BCom  
John William Miskelly, BSc  
Penelope Anne Montgomery, BA A.N.U.  
Elizabeth Christina Neilson, BA  
John James O'Brien, BA  
Carmel Mary Pass, BA  
Mark John Smith, BA  
Paul Christian Van Rukke, BSc  
Catherine Jean Williams, BA  
Edward John Williams, BSc  
Meryl Devis Williams, BA  
Stephen John Williams, BA

#### IV. FACULTY OF SCIENCE

PRESENTED BY PROFESSOR S. J. ANGYAL  
DEAN OF THE FACULTY

#### **PhD DOCTOR OF PHILOSOPHY**

MATHEMATICS

Gregory Doherty, BSc

Thesis: "Applications of collision probabilities in reactor physics."

#### **MSc MASTER OF SCIENCE**

CHEMISTRY

Alan Gordon Duff, BSc A.N.U.

Thesis: "Constituents of plants of the family *Asclepiadaceae*."



John Robson, BSc spec *Lond.*

Thesis: "The preparation of isotopically labelled organic nitrogenous compounds."

Gary Lloyd Sefton, BSc

Thesis: "The magnetic and chemical behaviour of some polynuclear methoxide complexes of iron (III) carboxylates."

#### MATHEMATICS

Eric John Clayton, BSc *A.N.U.*

Thesis: "The inverse scattering problem — a numerical calculation for  $\pi$ -N interactions."

Raymond John Crawford, BSc DipEd *N.E.*

Thesis: "On the asymptotic behaviour and smoothness properties of some positive linear operators for the approximation of continuous functions."

### **BSc BACHELOR OF SCIENCE**

#### **Science Course**

##### MATHEMATICS

William Lawrence Hogarth (Honours Class I)

Anthony John Jakeman (Honours Class I)

Adriano Livio Iakin (Honours Class II, Division I)

Michael Patrick McKenna (Honours Class II, Division I)

Graham Robert Oke (Honours Class II, Division II)

##### CHEMISTRY

Peter George Rowley (Honours Class II, Division I)

Gary Martin Schier (Honours Class II, Division I)

##### GEOLOGY

Edward Peter Ambler (Honours Class I)

Graham Richard Carr (Honours Class I)



Gregory Charles Smith (Honours Class I)

Michael Vincent O'Donnell (Honours Class II, Division II)

Christopher Warren

Armstrong

Laurience Roger Ashcroft

John Richard Baker

Robert Geoffrey Berglund

John Anthony Bonato

Geoffrey Paul Bright

Wilma Cairns

Graeme Maurice Eaton

Alan Robert Emery

Robert Lewis Gibbs

Terry Francis Goodwin

Lesley Lynette Harrington

Stephen Hodgson

Peter Raymond Hopkins

Jochim Eduard Janssen

Elizabeth Rae Jeffcoat

Barry Kenneth Johnston,  
BSc

Peter John Kirton

John Allan Land

Terrence John Lear

Robert Colin McGregor

John William Miskelly

Geoffrey John Robinson

Dietmar Salm

Glendon Robert Shepherd

Paul Jeffrey Thorne

Graeme Douglas Warnock

Peter Francis Waugh

Ian Norman Willis

David Wilson

## V. FACULTY OF APPLIED SCIENCE

PRESENTED BY PROFESSOR M. CHAIKIN

DEAN OF THE FACULTY

### **MSc MASTER OF SCIENCE**

GEOLOGY

Michelle Smyth, BSc Syd.

Thesis: "A petrographic study of the stratigraphy of Australian coal seams."



## **BSc BACHELOR OF SCIENCE**

METALLURGY

Raymond Thomas Parsons  
Alan Jack Wilson

## **BSc(Tech) BACHELOR OF SCIENCE (TECHNOLOGY)**

METALLURGY

Terence John Dunlea (With Merit)  
Richard John Herald (With Merit)  
Geoffrey Joseph Parsons (With Merit)  
Brian Joseph Cummins  
Robert Neal Frizell  
Warren John McEvoy  
Peter Christopher Makin  
Kenneth Richard Malcolm

## **VI. FACULTY OF COMMERCE**

PRESENTED BY PROFESSOR A. S. CARRINGTON  
DEAN OF THE FACULTY

## **BCom BACHELOR OF COMMERCE**

ACCOUNTANCY

Michael Alexander Carrigan (With Merit)  
Stephen Ivor Corris (With Merit)  
Philip Creighton May (With Merit)  
Russell Albert Montgomery (With Merit)  
Keith Francis Reilly (With Merit)  
Adrian Lynden Scott (With Merit)



William James Bartlett  
Geoffrey John Broomhead  
John Robert Bunt  
Peter Henry Cuy

Vincent Francis Molloy  
Gregory Phillip Rodgers  
John Harry Tambakis  
William George Thomson

ECONOMICS

Harvey Crapp (With Merit)  
Wayne Keith Davis (With Merit)

Peter McLauchlan Adams  
John Henry Craig Brown  
Maurice Cohen  
Julian Ernest Chapman  
Stephen Richard Crane  
Bruce Raymond Holland  
Ronald Charles Knowles  
Pasquale Luchitti

Terry Mitchell  
Mary Annette O'Brien  
Giuseppe Pellegrino, BSc  
Martin Adrian Pronk  
James David Rudkin  
Michael James Sibson  
Paul Arthur Smith  
Hugh Rowland Wright



DEGREES CONFERRED SINCE  
GRADUATION CEREMONIES  
HELD IN 1972

FACULTY OF SCIENCE

**PhD DOCTOR OF PHILOSOPHY**

CHEMISTRY

Richard Rudzats, MSc, ASTC . . . 11th September 1972

Thesis: "The constituents of Schefferomyces and Boletus species from New Guinea."

Roger Everett Summons, BSc . . . 8th May 1972

Thesis: "The alkaloids of some Australian and New Guinea plants."

MATHEMATICS

James Lindsay Cook, MSc . . . 11th September 1972

Thesis: "Relativistic nuclear and particle reaction theory."

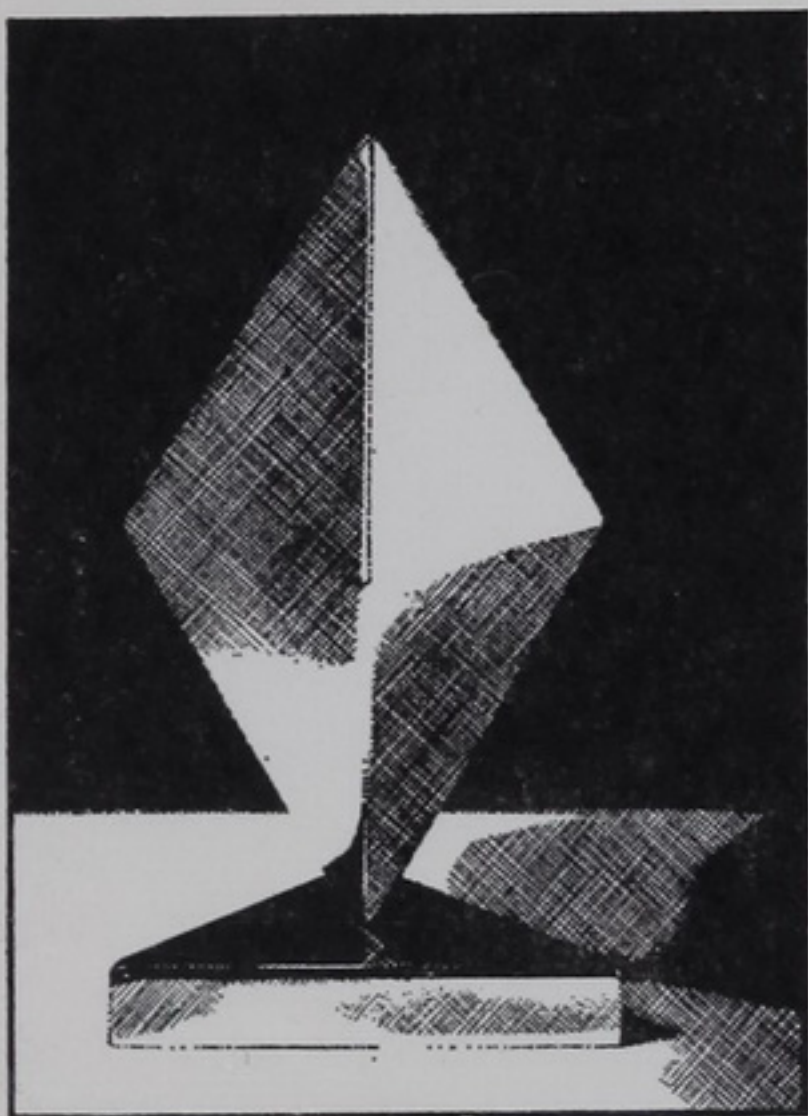
**MSc MASTER OF SCIENCE**

MATHEMATICS

Peter Terence Castle, BSc . . . 10th July 1972

Thesis: "The output of a queue."





THE UNIVERSITY OF NEW SOUTH WALES  
ALUMNI ASSOCIATION

## **ALUMNI AWARD FOR ACHIEVEMENT**

Through this award the Alumni Association seeks to encourage and reward community involvement by students of the University.

The award is made for achievement resulting in an improvement in the quality of life in a community—the University community, a community within the University, or the community generally.

Recipients must have just completed the final year of a course at the University. Up to three awards may be made each year.

The 1973 recipients are:

Rajanishwar Gyaneshwar, Faculty of Medicine, for his contribution to the social welfare of overseas students and his stimulation of international understanding in this and other university communities.

Peter Eric Harley, Faculty of Commerce, for his work among the homeless and emotionally deprived, culminating in his founding of the voluntary social group, 'Empathy'.