THE NEW SOUTH WALES UNIVERSITY OF TECHNOLOGY

Conferring of Degrees

KENSINGTON
SATURDAY, 13th APRIL, 1957
at 10 a.m.
Order of Proceedings

The Procession will move to the dais at 10 a.m. in the following order:

STUDENT REPRESENTATIVES
LECTURERS
SENIOR LECTURERS
REGISTRAR
MEMBERS OF THE PROFESSORIAL BOARD
DEANS OF THE FACULTIES
MEMBERS OF THE COUNCIL
REPRESENTATIVES OF THE SERVICES
REPRESENTATIVES OF THE CHURCHES

DR. R. K. MURPHY
W. G. KETT, Esq.
A. DENNING, Esq.

The Vice-Chancellor:
PROFESSOR J. P. BAXTER

The Deputy Premier and Minister for Education:
THE HONOURABLE R. J. HEFFRON

The Deputy Chancellor:
THE HONOURABLE MR. JUSTICE J. S. J. CLANCY

The Chancellor:
WALLACE C. WURTH, Esq.

His Excellency the Governor of New South Wales:
LIEUT.-GENERAL SIR JOHN NORTHCOTT

GOD SAVE THE QUEEN

The Eastern Command Band will be in attendance by permission of the General Officer Commanding, Lieut.-General E. W. Woodward.

The Chancellor will declare the Congregation assembled.

The Vice-Chancellor will present to the Chancellor for admission to the Degree of Doctor of Science honoris causa:

WILLIAM GEORGE KETT, F.I.O. (Lond.).

The Chancellor will invite Arthur Denning, Esq., to address the Congregation.

The Dean of the Faculty of Science will present to the Deputy Chancellor the candidates for admission to the Degrees of:

DOCTOR OF PHILOSOPHY
MASTER OF SCIENCE
BACHELOR OF SCIENCE
BACHELOR OF SCIENCE (Optometrical Science).

The Dean of the Faculty of Technology will present to the Deputy Chancellor the candidates for admission to the Degrees of:

DOCTOR OF PHILOSOPHY
MASTER OF SCIENCE
BACHELOR OF SCIENCE
BACHELOR OF ENGINEERING

The Dean of the Faculty of Engineering will present to the Deputy Chancellor the candidates for admission to the Degrees of:

MASTER OF ENGINEERING
BACHELOR OF ENGINEERING

The Dean of the Faculty of Architecture will present to the Deputy Chancellor the candidates for admission to the Degree of:

BACHELOR OF ARCHITECTURE

His Excellency the Governor of New South Wales, Lieutenant-General Sir John Northcott, K.C.M.G., K.C.V.O., C.B., will deliver the Occasional Address.

The Chancellor will invite The Honourable R. J. Heffron, Deputy Premier and Minister for Education to thank His Excellency.

The Procession will retire, the assembly standing.
Conferring of Degrees

I D.Sc.—DOCTOR OF SCIENCE honoris causa

Presented by the Vice-Chancellor,

PROFESSOR J. P. BAXTER

William George Kett, F.I.O. (Lond.).
Robert Kenneth Murphy, Chem.E.Col., Dr. Ing. Darmstadt, A.S.T.C., F.R.A.C.I.

II. FACULTY OF SCIENCE

Presented by PROFESSOR C. J. MILNER,
Dean of the Faculty

Ph.D.—DOCTOR OF PHILOSOPHY

SCHOOL OF CHEMISTRY

Thesis: “The effects of substituents in the naphthalene ring.”

John Lawrence Courtney, B.Sc., A.S.T.C.
Thesis: “Triterpenes of the friedelane series.”

Peter Thomas Gilham, B.Sc., Syd.

Dennis Joseph McHugh, B.Sc. Syd.

M.Sc.—MASTER OF SCIENCE

SCHOOL OF BIOLOGICAL SCIENCES


SCHOOL OF CHEMISTRY

Harry David Locksley, B.Sc.
Thesis: “Chemical studies of the ‘stick ant’ and related species.”

Howard Hamlet Gordon McKern, A.S.T.C.

George Winter, Dipl. Eng. Vienna.
Thesis: “Work on the chemistry of esters of titanium.”

SCHOOL OF PHYSICS

Bernard John Rigby, A.S.T.C.
Thesis: “Some visco-elastic properties of the wool fibre.”

John Blake Steele Waugh, B.Sc. Syd.
Thesis: “The development and application of the phosphor-photon-multiplication combination to the detection and spectrometry of low energy quanta.”

B.Sc.—BACHELOR OF SCIENCE

SCHOOL OF CHEMISTRY

HONOURS

George Edward Hibberd, A.S.T.C. (Class I and University Medal).
Hertha Hinterberger, A.S.T.C. (Class I).
John William Lee (Class I).
Keith Hamilton Napier (Class I).
Adam Zygmunt Szumer (Class I).
Edward Charlton Watton, A.S.T.C. (Class I).
Ernest Kokot, A.S.T.C. (Class II).
Frederick Thomas Lee, A.S.T.C. (Class II).

PASS

Edward Arthur Avis.
Stanley Robert Barnhill, A.S.T.C.
William Alexander Bates, A.S.T.C.
Anthony Walter Findlay.
Alan Rhodes Glassey, A.S.T.C.
John Kingsford Haken, A.S.T.C.
Cyril David Johnstone, A.S.T.C.
John Barry Lee.
Trevor Norman Lockyer.
Michael Nean Moore, A.S.T.C.
Inno Salasoo, A.S.T.C.
Ernest Stephen Sharkey.
Joseph Charles Siddins, A.S.T.C.
Bruce William Stephen, A.S.T.C.
Berris Rodner Bernard Wearne, A.S.T.C.
GENERAL SCIENCE

PASS

Henry Lillyman John Collins, A.S.T.C.
Edward Joseph Graham, A.S.T.C.

SCHOOL OF PHYSICS

HONOURS

Peter Kenny (Class I).

SCHOOL OF BIOLOGICAL SCIENCES

HONOURS

Philip Caiger, A.S.T.C. (Class II).

PASS

Barry John Bloomfield.
John Bostrom.
Robert Burton Bradley, A.S.T.C.
Edith May Cox, A.S.T.C.
Albert Henry Powitt.

B.Sc. (Opt.Sc.)—BACHELOR OF SCIENCE (Optometrical Science)

SCHOOL OF PHYSICS

HONOURS

Asad Ali Asgar, A.S.T.C. (Class II).
Neville Alfred Fulthorpe, A.S.T.C. (Class II).
Kelvin Richard Harvey, A.S.T.C. (Class II).

PASS

Norman Boutflower Bennett, A.S.T.C.
Melville Roy Pedersen, A.S.T.C.
Leslie Alfred William Ryman, A.S.T.C.
John Arthur Simpson, A.S.T.C.
Penrhyn Francis Thomas, A.S.T.C.
Jeffrey Ernest Tucker, A.S.T.C.
Burnett Fenwick Walker, A.S.T.C.
Jack Barrie Webb, A.S.T.C.

III. FACULTY OF TECHNOLOGY

Presented by PROFESSOR D. W. PHILLIPS,
Dean of the Faculty

Ph.D.—DOCTOR OF PHILOSOPHY

SCHOOL OF CHEMICAL ENGINEERING

George Graham Madgwick, B.Sc.
Thesis: “The use of ion exchange membranes for concentrating electrolytes.”
Thesis: “The production of heavy chemicals from gypsum.”

M.Sc.—MASTER OF SCIENCE

SCHOOL OF CHEMICAL ENGINEERING

Frederick William Ayscough, B.Sc. Syd.
Thesis: “The fluidised roasting of pyritic ores.”
Frank Reginald Humphreys, A.S.T.C.
Thesis: “The occurrence of rutin in, and the extraction of rutin from the foliage of commercially important New South Wales forest species.”

SCHOOL OF MINING ENGINEERING AND APPLIED GEOLOGY

Harold Oswald Fletcher.
Thesis: “A correlation of the permian horizons of New South Wales.”
Henry George Golding, B.Sc. Lond.
Thesis: “Petrographic studies of New South Wales building sandstones with special reference to physical properties.”
Edward Oswald Rayner, B.Sc. Syd.
Thesis: “The nature and distribution of uranium deposits in New South Wales.”
Thesis: “Groundwater resources of the Upper Hunter Valley, New South Wales.”

SCHOOL OF WOOL TECHNOLOGY

Thesis: “Studies of fleece structures.”
B.Sc.—BACHELOR OF SCIENCE
SCHOOL OF CHEMICAL ENGINEERING
HONOURS
Ross Leslie Muller (Class I).
Ernest Harold Brent (Class II).

John Edward Bradwell, A.S.T.C.
Frank Robert Carter, A.S.T.C.
Robert McArthur Chapman.
Graham James Cleary.
Edward James Daniels.
Bernard Julian De Jongh.
Walter Henry Edmonds.
Philip Fisher.
Peter William Nash Hill.
Donald Hyslop.
Warwick Manning Lane, A.S.T.C.
Harly David McKay.
Peter John Oom.
Donald Henry Philipp, A.S.T.C.
Maurice Edward Belemore Smith.
Trevor Alfred Snape.
Francis Joseph Taylor, A.S.T.C.
Brian Earl Tindale.
John William Todhunter.
Bancha Udomsakdhi.
Noel Walter Vail.
Clyde Todhunter Waugh.

SCHOOL OF METALLURGY
PASS
John Dunning, A.S.T.C.
Derek Campbell Lovell, A.S.T.C.
John Michael O'Donnell, A.S.T.C.
Ian Stuart Robbie, A.S.T.C.
Alan John Walker, A.S.T.C.

SCHOOL OF WOOL TECHNOLOGY
HONOURS
John Patrick Kennedy (Class II).
John Norman Skinner (Class II).

Peter Cameron Bollinger.
Robert Wilfred Doyle.
Clifford Arthur Andrew Graham.
Claude William Langby.

B.E.—BACHELOR OF ENGINEERING
SCHOOL OF MINING ENGINEERING AND APPLIED GEOLOGY
PASS
John Travers Brady.
William Henry Conrow.
Frank Edwin Jaggar.
James Neil Kay.

IV. FACULTY OF ENGINEERING
Presented by PROFESSOR A. H. WILLIS,
Dean of the Faculty

M.E.—MASTER OF ENGINEERING
SCHOOL OF CIVIL ENGINEERING
Saeed-ud-Din, B.A., B.Sc. (Eng.) Panj.

Geoffrey Baldwin Welch, B.E. Syd.
Thesis: “Sydney fly ash as a pozzolan.”

Ronald William Woodhead, B.E. Syd.

SCHOOL OF MECHANICAL ENGINEERING
Raymond Alfred Arthur Bryant, A.S.T.C.
B.E.—BACHELOR OF ENGINEERING
SCHOOL OF CIVIL ENGINEERING
HONOURS
Henry Jaan Edward Audova (Class II).
Brian Gregory Casey (Class II).
Kenneth George Clancy (Class II).
Albert George Clarke (Class II).
John Martin Conner (Class II).
Hugh David Brodie, A.S.T.C.
Lindsey Edwin Browne.
Malcolm Mien Chee Chen.
Anthony Nyen Lok Chin.
John Maitland Higgins.
Russell Hood, A.S.T.C.
Mervyn Douglas Hoy.
Ado Kadak.
Frederick Joseph King.
Daniel Marie Kuter.
James Arthur Malins.
Maxwell James Nicholls.
Choon Huat Quah.
Seng Hin Quek.
Peter Michael Ryan.
John Richard Sands.
Ronald Leslie Smythe.
Victor Michael Taylor, A.S.T.C.
George Thieben.
Lock Seng Wong.

SCHOOL OF ELECTRICAL ENGINEERING
HONOURS
Keith Morris Ray (Class I and University Medal).
Richard Colin Johnson (Class II).
Ian Harold Maggs (Class II).
Andrew Francis Nagy, A.S.T.C. (Class II).
Peter John O'Neill (Class II).

PASS
John Edgar Algie, A.S.T.C.
Arthur Ang.
Malcolm Ashton Cox.
Lance Sidney Edward Fennell.
Frans Rudolf Hulscher.
Ronald Stanley Joseph, A.S.T.C.
Roger Alban Mayhew.
Ranald Scott McKilligan.
Bruce Campbell Milne.
Ernest Thomas Page.
John Arthur Furnell.
Kenneth Ryan.
Paul Schultz.
James William Spratt.
Donald John Stewart.
John Brian Wooldridge.

SCHOOL OF MECHANICAL ENGINEERING
HONOURS
Duncan Norman MacDougall, A.S.T.C. (Class II).
David John Magnusson (Class II).
Donald Gordon Oberg (Class II).
Edward Colvyn Hind, A.S.T.C. (Class II).
Peter Chorley Rayner (Class II).

PASS
Charles Walter Ambrose.
Robert Ian Baxter.
John Russell Beard.
Colin James Brady.
Patrick Michael Collins.
Alastair John MacDonald Irving.
Kenneth Arnold Jackson.
Richard Boyce Meulman.
John Orlovich.
John Lindsay Paterson, A.S.T.C.
V. FACULTY OF ARCHITECTURE
Presented by PROFESSOR F. E. TOWNDROW,
Dean of the Faculty
B.Arch.—BACHELOR OF ARCHITECTURE
SCHOOL OF ARCHITECTURE AND BUILDING

HONOURS
Arnolds Mezdreis (Class II).
Vladimir Perm (Class II).

PASS
David Bradley Allen.
Lawrence Li-Chih Chen.
James Stanley Colman.
Ronald Harry Devine.
Wai Ying Wong.

DEGREES CONFERRED SINCE GRADUATION CEREMONY
HELD ON 14TH APRIL, 1956.

M.Sc.—MASTER OF SCIENCE
SCHOOL OF CHEMICAL ENGINEERING
Neville Albert Whiffen, F.S.T.C.
Thesis: "The role of alum in sizing.
9th July, 1956.

SCHOOLS OF MATHEMATICS AND MECHANICAL ENGINEERING
10th September, 1956.
Thesis: "Some new types of quality control charts designed to reduce the amount of inspection and the sensitivity to non-normality of the parent distribution."