

MATHEMATICAL PHYSICS

at

**THE UNIVERSITY OF
ADELAIDE**

H. S. (“Bert”) Green
(1920-1999)



Edinburgh group



Prof Max Born with his Research Students at University of Edinburgh
September 1947

Front Row: H.S.Green, M. Born
Back Row: K.C.Chang, M.L.Yang, A. Rodriguez

H.S. Green

Areas of research

- Kinetic theory and plasma physics
- Statistical mechanics
- Quantum field theory and particle physics
- Cosmic rays
- Quantum mechanics
- General relativity and gravitation
- Mathematical methods
- Environmental physics
- Biophysics and neurophysiologic (brain) models

152 Scientific papers and 13 books published

Department of Mathematical physics

Tenured Staff appointments

Bert Green, Inaugural Professor, 1951-1985

Harry Messel, Senior Lecturer, 1951-1952

(Otto Bergmann, Senior Research Fellow, 1952-1955)

John Ward, Senior Lecturer, 1953-1954

Angas Hurst, Senior Lecturer/Professor 1957-1988

Ian McCarthy, Lecturer, 1960-1963

Pat Seymour, Snr Lecturer/Reader 1963-1968

Lindsay Dodd, Lecturer/Snr Lecturer/Reader 1969-1997

Peter Szekeres, Lecturer/Snr Lecturer 1971-2000

Paul Davies, Professor, 1990-1994

Harry Messel (1922-)

Adelaide Snr Lecturer 1951-1952



John Clive Ward (1924 – 2000)

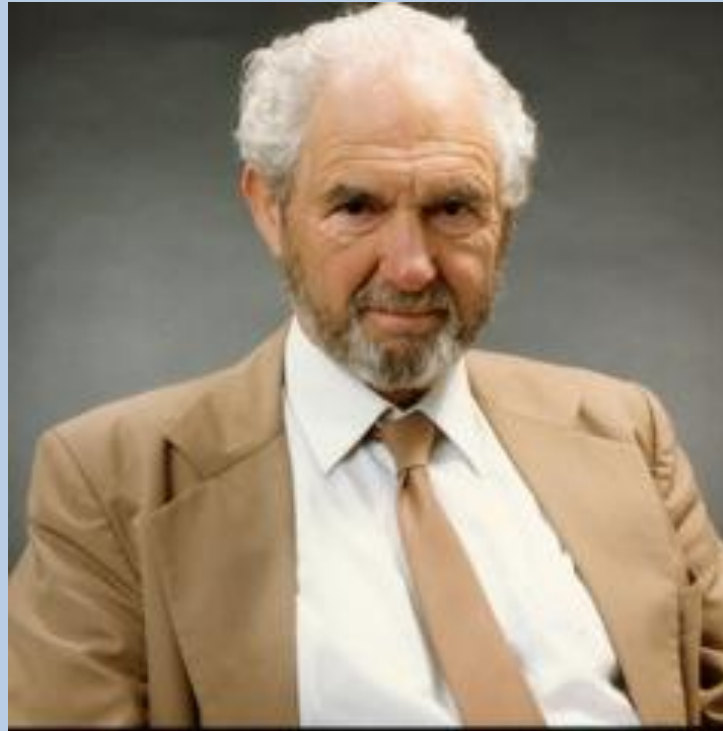
Adelaide Snr Lecturer 1951-1954



C.A. (“Angas”) Hurst (1923 – 2011)

Snr Lecturer 1957- 1964

Professor 1965-1988



C.A. Hurst

Areas of research

- Quantum field theory and perturbation expansions
- Statistical mechanics (Ising model)
- Special Relativity
- Mathematical methods (group representations)
- Tachyons
- 3-particle quantum systems
- C^* -Algebras

Mathematical Physics 1971



Mathematical Physics 1977



DEPARTMENT OF MATHEMATICAL PHYSICS - 1977

*Keith Briggs, Chris Ey, Milan Vujicic, Alan Barnes, Stephen Edwards, Lindsay Dodd, Tony Cant
Sinha Roy, Martin Mosiun, Ann-Marie Gibbs, Sam Vaccaro, Dana Kautsky, Barbara Beilby, Bert Green, Angus Hurst
Andrew Edwards, Neil White, Eddy Asenstorfer, Mark Gould, Jim Evans, Alan Carey, Kaj Nieukerke*

Mathematical Physics 1982



Department of Mathematical Physics - 1982

*Barbara Beilby, Richard Kleeman, Doug Paterson, Igor Bray, Sue Scott, Eddy Rawinski, Lindsay Dodd,
Angus Hurst, Mark Chappell, Brandon Yip, Rob Campbell, Peter Saekeres, Keith Briggs.*

Mathematical Physics 1985



Back Row: Hendrik Grundling, Bill Ellis, Richard Kleeman
Centre: Mary Genovese, Max Lohe, Igor Bray, Sue Scott, Ray Gatt
Front: Vija Steele, Prof. T. Triffet, Prof. H.S. Green, Prof. C.A. Hurst,
Dr. P. Szekeres

MATHEMATICAL PHYSICS DEPARTMENT
STAFF AND STUDENTS 1985

Paul Davies and others

