

DEPARTEMENT FISIKA DEPARTMENT OF PHYSICS

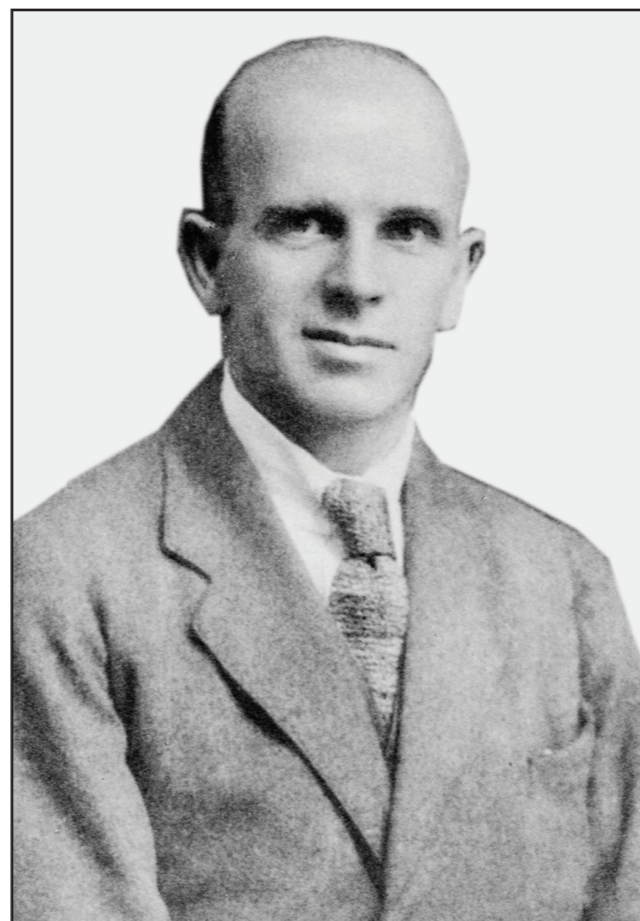


1950 - 1959



Old Arts building

The Department moved to the Old Arts Building in 1911 which was then known as the Science Block



Prof PG Gundry (HOD 1908 - 1929)



Prof JS van der Lingen (HOD 1930 - 1950)

1950 - 1959



N.W.S.V. Bestuur 1955:

Agter: Fanie van Jaarsveld (Boukunde), Pieter Combrink, Carl Pistorius (Fisika), Christo Engelbrecht (Fisika), Werner Glatthaar (Geologie).

Middel: Justus van Wyk (Voorsitter), Prof HAW Verleger (Ere President), Mej. Anna Uys (Skr. Huishoudkunde), Prof F Eloff (Ere President).

Voor: Mej. Annette Combrink (Plantkunde), Gert Krynauw (Chemie), Mej. Ilse Lehmann (Entomologie en Dierkunde).



Personeel 1959 Departement Fisika:

Agter: JG Koen, Klaas Els, Hittos, Heymann, G van Zyl, Prof Prinsloo, J Prins, C Engelbrecht, De Vries.

Voor: I Kotzè, Von Wielligh, L Strauss, Prof Verleger, I Dormehl, Burdzik, Lemmer, Friedland, Prekel

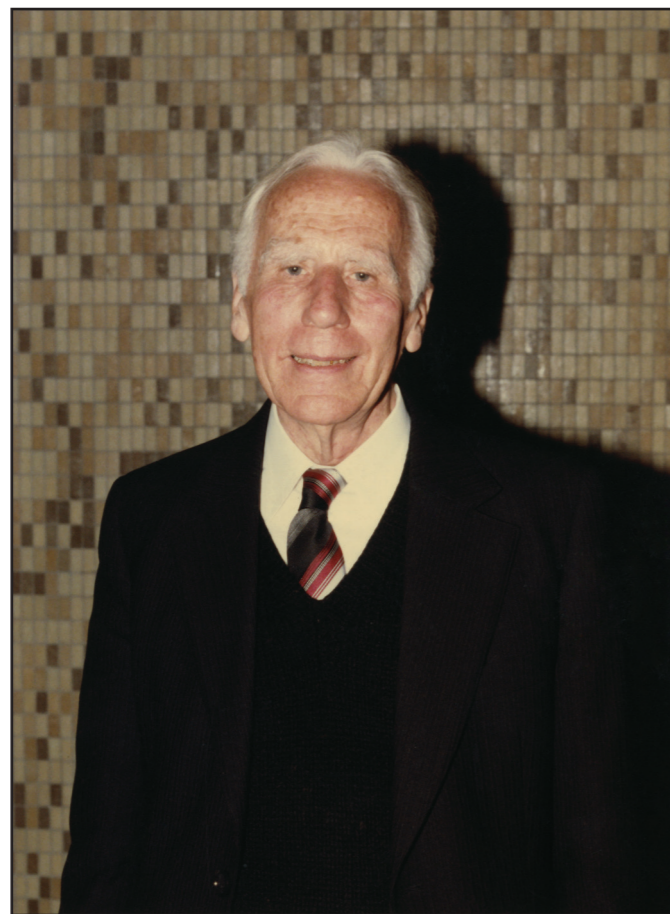
1950 - 1959



Prof HAW Verleger (HOD 1951 – 1971)



1955:
Doktorandi: Drs LA Prinsloo, DJ Fourie en AP Steyn.
Promotor: Prof HAW Verleger.



Eerste MSc 1932: Prof WF Beezhold



Eerste DSc 1954: Dr W Basson

1960 - 1969



Prof JH van der Merwe, Prof JG Koen, Prof L Strauss met hul dogters in die leeskamer van die Exploratorium

1960 - 1969



1969
Dr HL Gaigher, Prof S Amelinckx (besoeker van Antwerpen), Prof HAW Verleger



1967
Dr HL Gaigher, Prof H Wilsdorf (besoeker van Virginia, VSA), Prof HAW Verleger



1960:
Prof DJ Fourie

1970 - 1979



Prof JH van der Merwe (HOD 1972 – 1978)



Personeel 1972

V.l.n.r. voor: Julie-Ann v d Hoven, Prof JH v d Merwe, Bets Weideman, NG v d Berg, W Stinnes, HL Gaigher, L Strauss, Frans Fourie, mnr Siegling, J Prins, E Friedland, F Voigts, G van Wyk, HW Alberts, TB Scheffler, GJ Roux, JG Koen, G Scholtz, JM Lombaard, JB Malherbe.



Personeel 1971

Proff M de Waal, Theilacker en H Verleger

1970 - 1979



1973
Prof E Friedland en Dr JL Climenhaga (besoeker van Universiteit Victoria, Kanada)

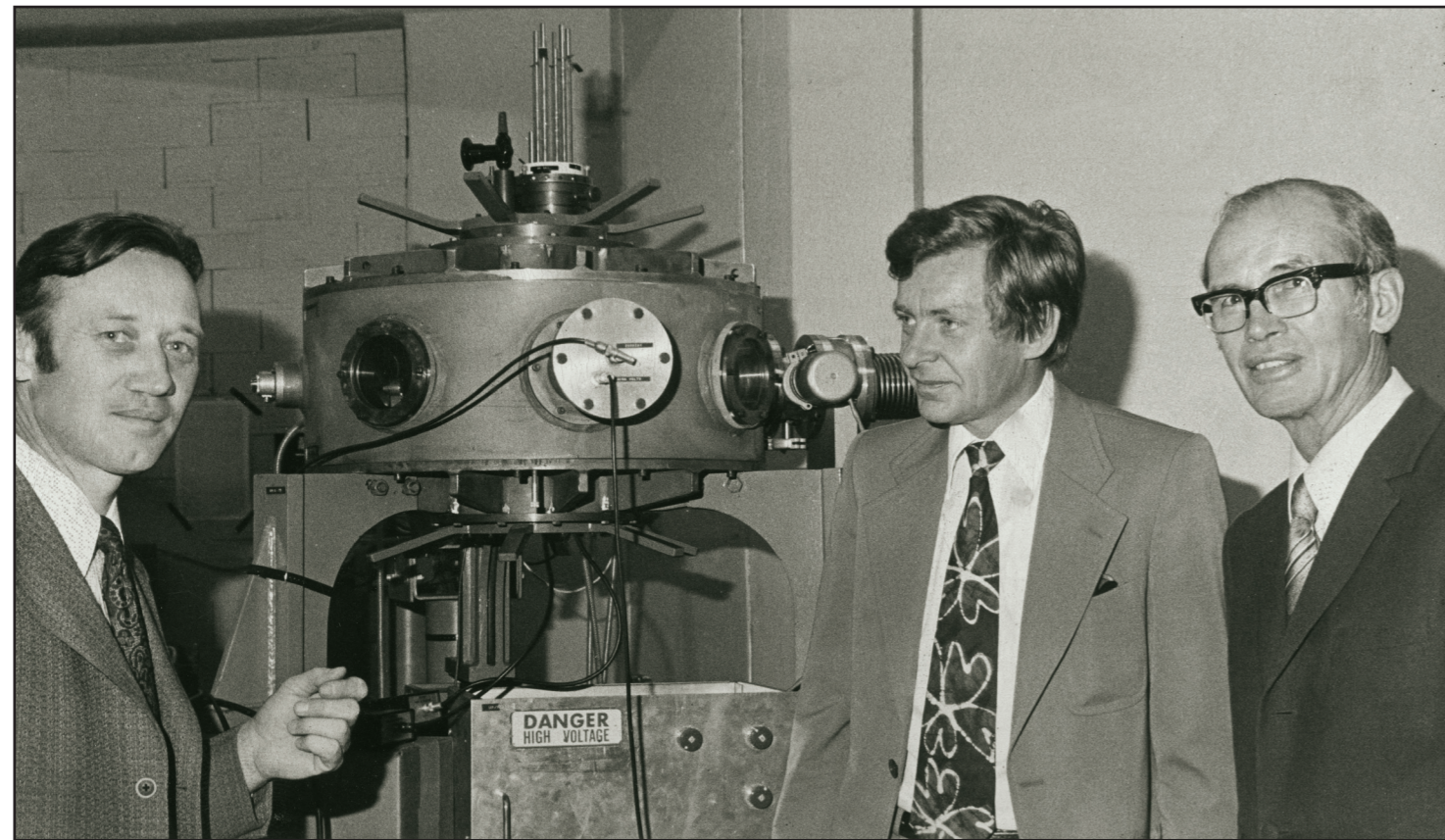


1975
Prof JH van der Merwe en Prof EG Bauer (besoeker van Clausthal, Duitsland)



1975
Dr V Voss, mev Voss, Dr RGP Voss en Prof JH van der Merwe

1970 - 1979



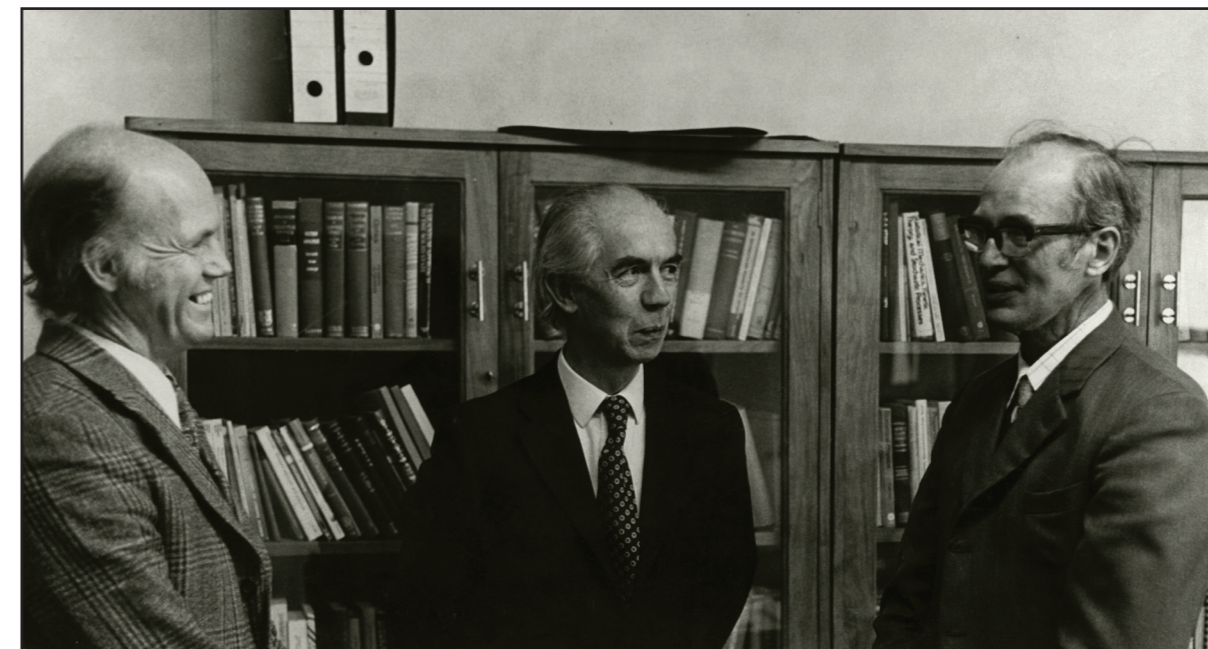
1976
Prof E Friedland, Prof E Recknagel (besoeker), Prof JH van der Merwe.



1975
Prof JH van der Merwe, Dr WL de Villiers, Dr FJ Kok en Prof K de Clerk



1976
Dr CA Engelbrecht, Prof JH van der Merwe en Prof K Dietrich (besoeker van Munchen)



1976
Dr JT Fourie, Prof W Cochran, Prof JH van der Merwe

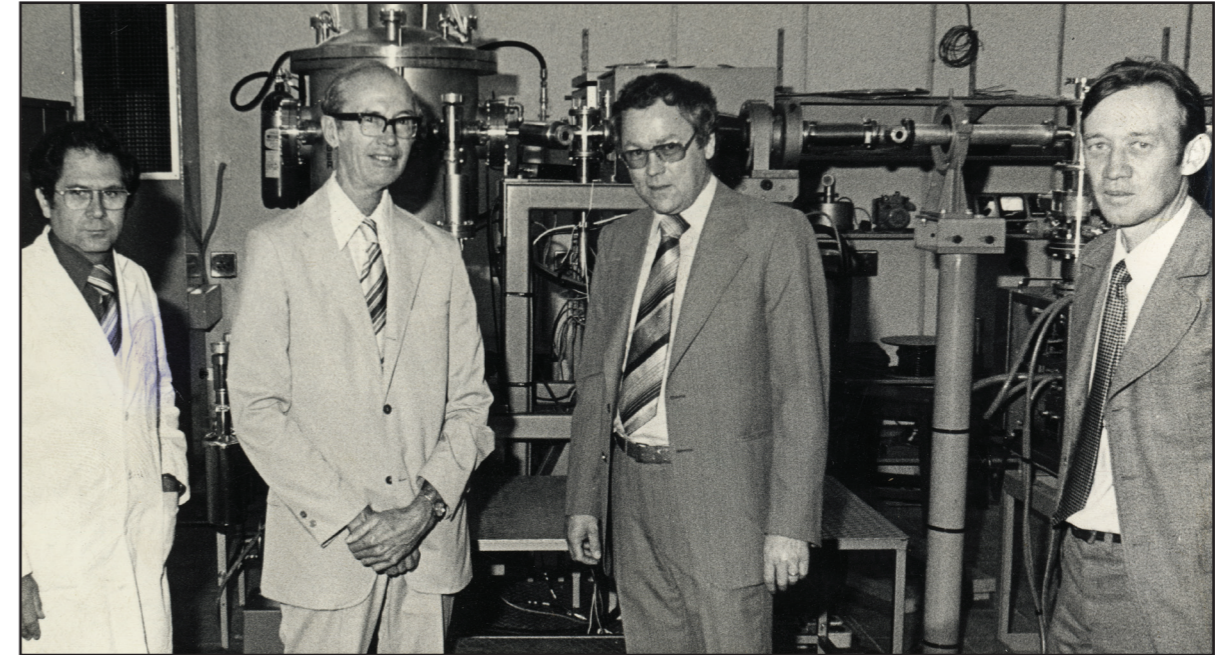
1970 - 1979



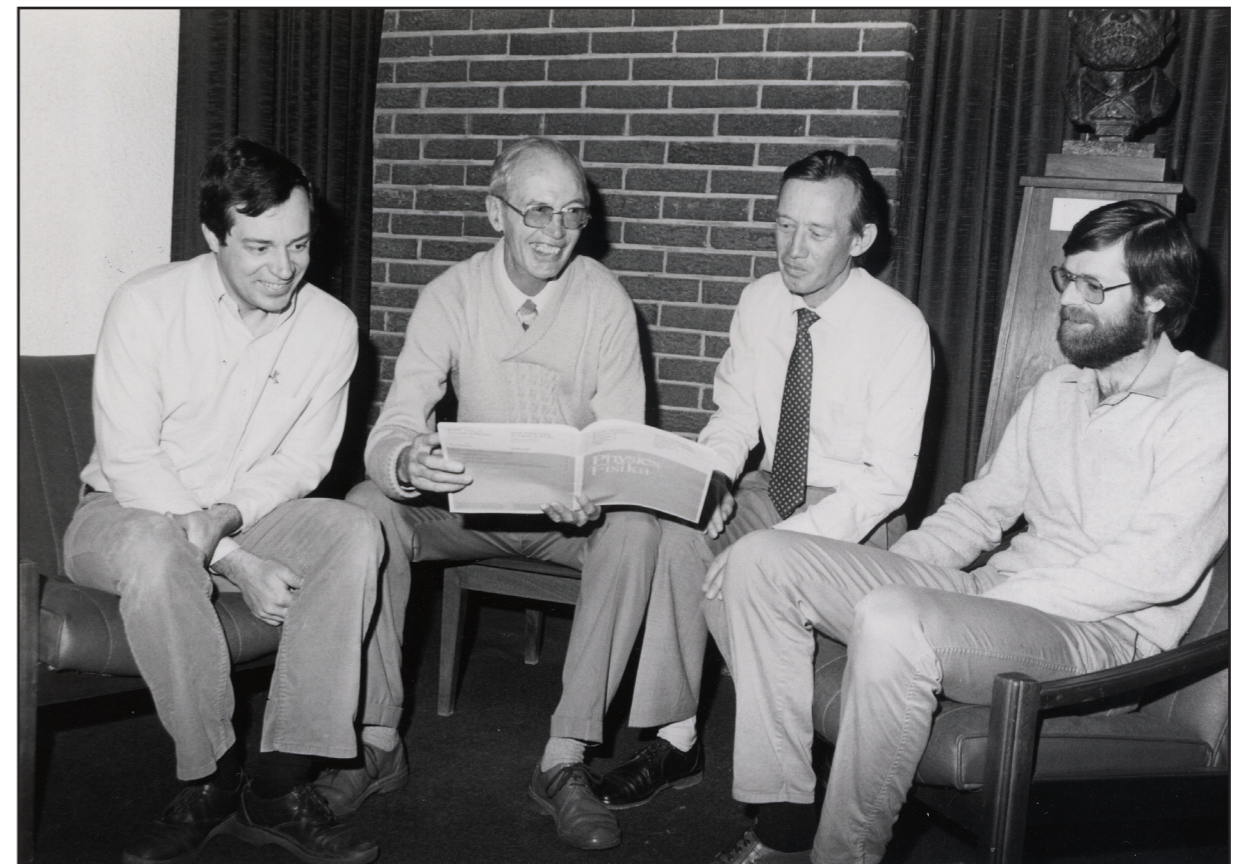
1977
Proff W Louw, E Friedland, Dr Schwuttke, Proff HP van der Schijff & JH van der Merwe



1977
Prof E Friedland, Prof HP van der Schijff, Prof Sir C Frank, Prof JH van der Merwe



1978
Dr JM Lombaard, Prof JH van der Merwe, Prof H Appel (Univ. Karlsruhe), Prof E Friedland.



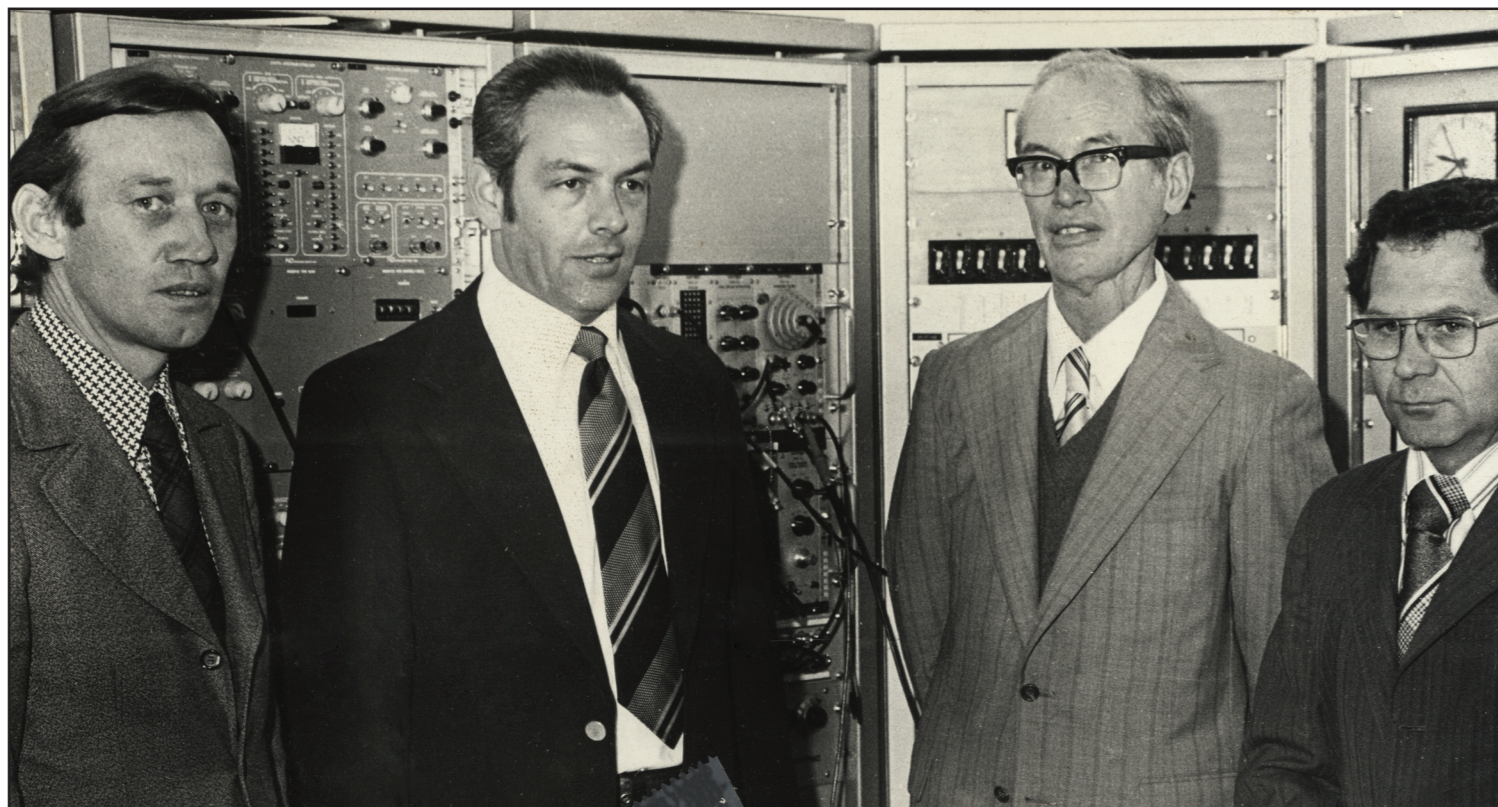
1970 - 1979



1978
Dr JM Lombaard, Prof E Friedland, Prof HP van der Schijff, Dr O Meyer, Prof JH van der Merwe



1979
Proff RE Smallman en JH van der Merwe



1978
Prof E Friedland, Prof MW Kirson, Prof JH van der Merwe, Dr JM Lombaard



1980 - 1989



Prof EKH Friedland (HOD 1980 - 1998)



1980. Personeel van UP Fisika Departement
Proff van der Merwe, Friedland, Prinsloo, Fourie, Koen en van Rooyen



1980
Proff Friedland, Anderson, van Rooyen en Dr Scheffler



1980. Oudstudente
Prof van Rooyen, Drr de Lange, de Vries, Von Wielligh, Peters, v d Walt, Savage en Prof Friedland

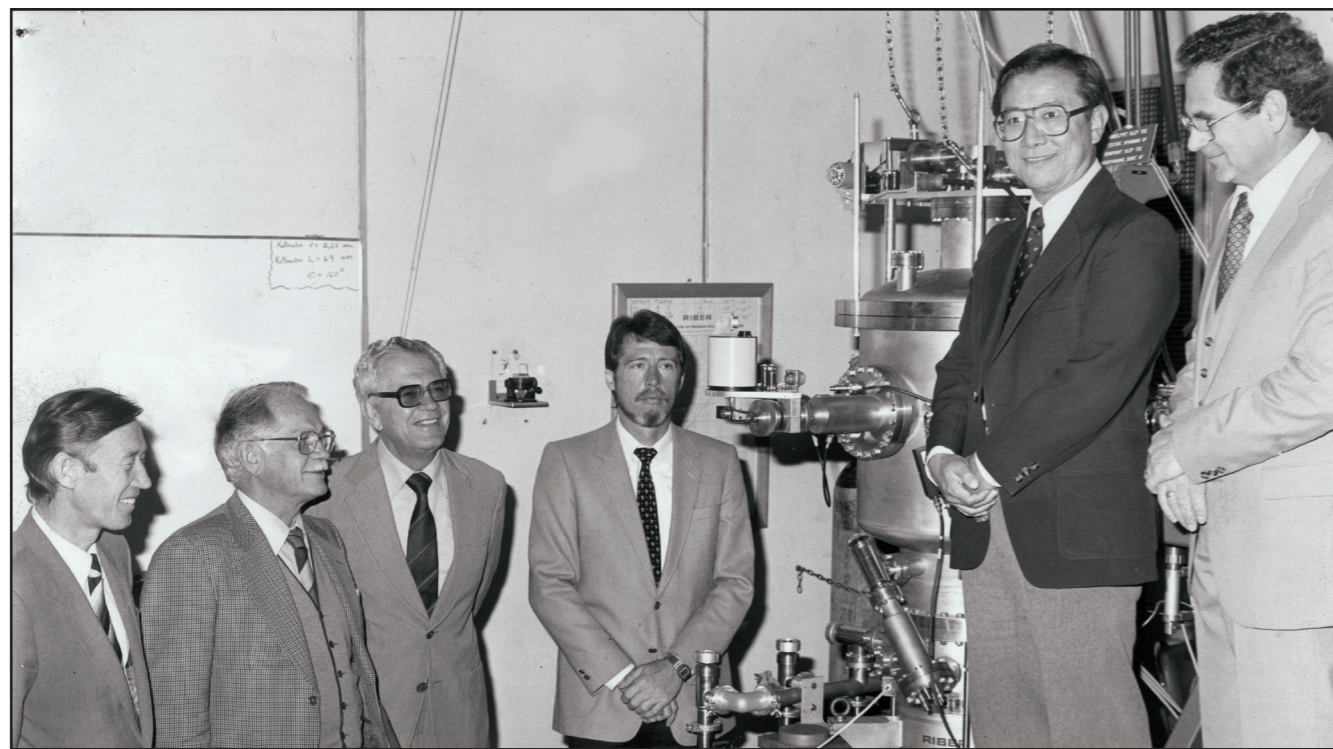
1980 - 1989



1983. SAIF Exhibition by UP Physics
Prof Friedland, Dr Reitmann, Prof Chu, Dr Rose, Dr Geerk, Dr Mingay, Dr Feast



1983.
Proff E Friedland, WA Jesser (Professor of Materials Science, University of Virginia) en JH van der Merwe



1983
Proff Friedland, van der Schijff, Zietsman, Geerk, Chu en Lombaard



1987. Besoekers
A Seger (Stuttgart), E Friedland (UP), C Wiedner (Heidelberg)

1980 - 1989



April 1988: Ion Beam Analysis Conference at Wits (visit to UP)
Friedland (UP), WK Chu (Univ North Carolina, USA), O Meyer (Karlsruhe, Germany), JH van der Merwe (UP), S Kalbitzer (Heidelberg, Germany), N Sauer (UP, Dean), E Taglauer (München, Germany), JP Biersack (Berlin, Germany), H Brongersma (Eindhoven, Netherlands)



1980. Personeel van die UP Fisika Departement
Proff Beezhold, Prinsloo, Fourie, van der Merwe, Friedland



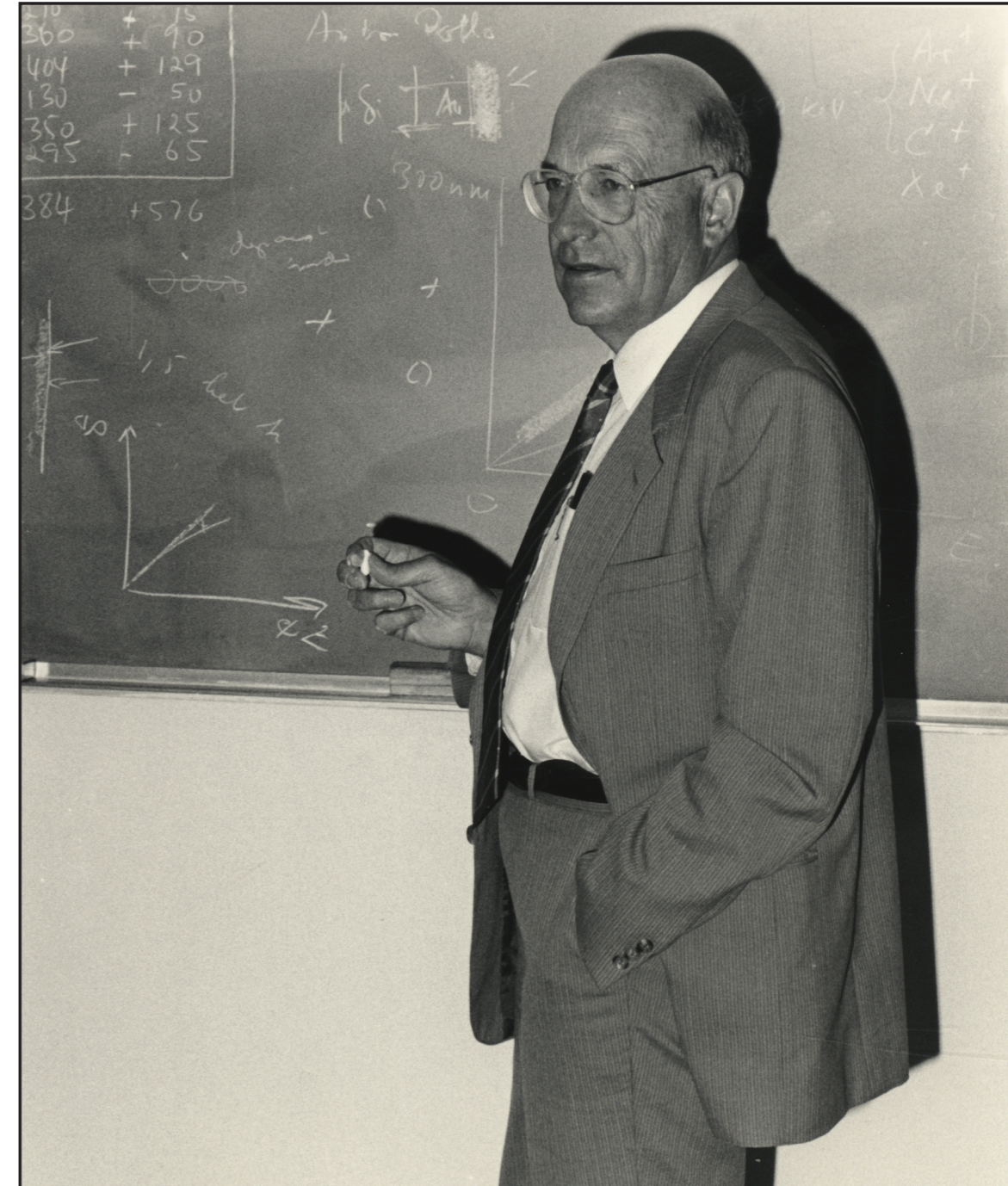
1980
Prof LA Prinsloo

1980 - 1989



Besoekers

JH van der Merwe (UP), Dr Bauer (Clausthal, Duitsland), Prof Bauer (Clausthal, Duitsland), Prof E Friedland (UP)



1986

Prof A Seger (Max-Planck-Institut, Stuttgart)

1980 - 1989



1983

Dr Meiring Naude, Mej RC Lippert (wenner van die Meiring Naude-Medalje 1983), Prof PJ Zietsman (Dekaan), Mev JM Pistorius (skenker van die Pierre du Plessis-prys) en Mnr D Hattingh wat die prys in 1982 gewen het.

1990 - 1999



Personeel 1977.

V.l.n.r Agter: R Nel, T Hauser, B Scheffler, R v Weele, G Pretorius, G Chabangu

V.l.n.r Tweede Ry van Agter: L Bredell, N vd Berg, H Kunert, M Hayes, A Shihlane, A van den Heever

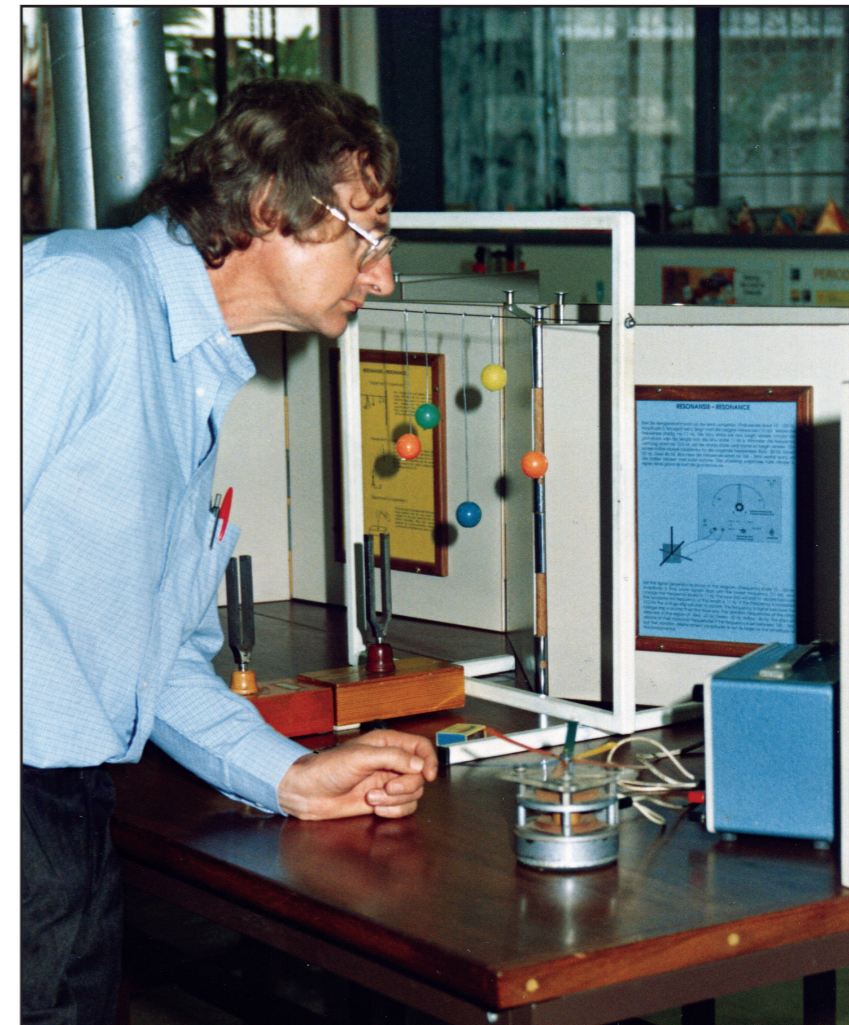
V.l.n.r Derde Ry van Agter: H Nordhoff, S Goodman, W Meyer, N Davidson, J Brink, G Myburg

Voor: H Alberts, J Malherbe, A Schickerling, E Friedland, C Vos, H Gaigher, D Auret

1990 - 1999



1992
P Smit (UP - Rektor), P Nawrotski (Elektronikus by Fisika, 25 jaar diens by UP), E Friedland



1997. Exploratorium
Prof J Brink



Prof Max Braun



Prof JB Malherbe (HOD 1998 -)



1992. SAIF konferensie by UP
Dr KA Müller (Nobelprys wenner 1987: IBM - Rüsçhlikon, Switzerland), Prof E Friedland

1990 - 1999



1997.
Prof M Braun, Prof J van Staden, Dr A Carr.



Prof HL Gaigher en Prof P van Schalkwyk



1997. Prof Johan van Staden



Successive Presidents of the SAIF
Prof J Malherbe, Prof Sellschop and Prof M Helberg

1990 - 1999



Dr W Barnard (Dosenent by Fisika)



Dr W Barnard (Dosenent by Fisika)



Prof J Malherbe and Dr John Kudjoe, visitor from University of York.

2000 -



2006. Prof Lotz Strauss, Dr Walter Meyer, Prof Danie Auret met Meyer se PhD toekenning.



J van Staden (UP) met besoekers van Univ. Illionois, VSA



Michael Hayes, Danie Auret, Jackie Nel

2000 -



2004 .
Prof J Malherbe with scholar during school visit to the Physics Department



2004.
Richard Andrew, Michael Kruse, Prof Johan Malherbe and Prof Max Braun. Theoretical Physics Summer School in the Drakensberg

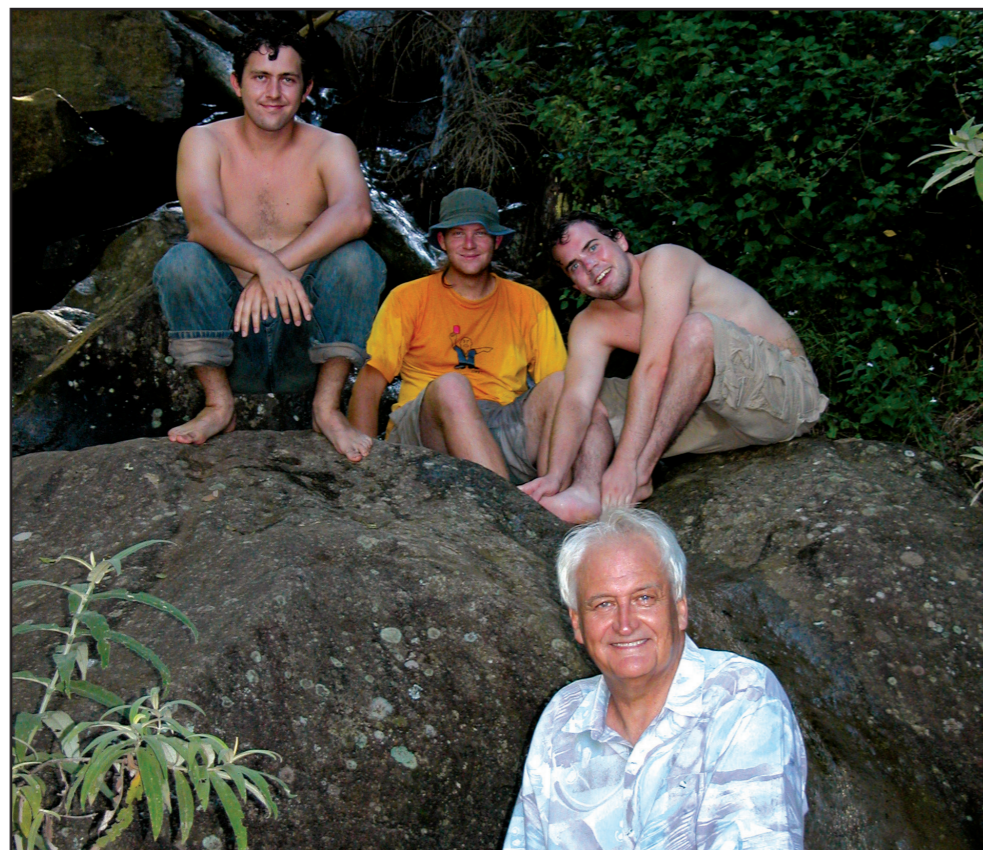
2000 -



2005.
Prof Johan Malherbe with frequent visitors from the Hungarian Academy of Sciences, Budapest, Dr Attila Sulyok and Prof Miklos Menyhard.



2005.
Richard Andrew, Louis Lotter, Prof Max Braun, Gunther Kassier and Johan Schönfeldt. Theoretical Physics Summer School in the Drakensberg



2005.
Louis Lotter, Johan Schönfeldt, Gunther Kassier and Prof Johan Malherbe. Theoretical Physics Summer School in the Drakensberg 2005

2000 -



2000 -



2005. Women in Physics in SA Launch, Blue Water Hotel

2000 -



Graduation Day for Physics students 2008

Physics student wins S₂A₃ bronze medal

Physics student Claudia Zander was awarded the bronze medal of the Southern Africa Association for the Advancement of Science (S₂A₃) for 2008. She received the medal for the best master's level dissertation at the University of Pretoria. The S₂A₃ bronze medal serves to commend and encourage local science students at master's level.

Claudia received the medal from Dr Ian Raper, President of the S₂A₃, on 4 February 2009. Presenting the award, Dr Raper said that Claudia is one of the most brilliant students to ever have received the medal. Her thesis, entitled *Information measures, entanglement and quantum evolution*, investigated the connection between

information measures, entanglement and the 'speed' of quantum evolution. "I am extremely honoured and excited to be the recipient of this prestigious award," said Claudia. She has always been interested in science: "Science, in general, has always fascinated me. Physics is a great challenge and is actually a way of life." Like so

many other scientists, Claudia's interest is not restricted to physics – she also has a great interest in languages. She is fluent in German and is well on her way to learning Spanish. She plans to finish her doctoral studies and become a researcher and lecturer.



Claudia Zander met S₂A₃ bronsmedalje