



OPERATIONS RESEARCH SOCIETY OF SOUTH AFRICA  
OPERASIONELE NAVORSINGSVERENIGING VAN SUID-AFRIKA

NEWSLETTER  
NUUSBRIEF

February 1974  
Februarie 1974

1. MEMBERSHIP/LIDMAATSKAP

We are pleased to announce the following new members:

Ons kondig met genoë die volgende nuwe lede aan:

Full member/Volle lid : B.J.K. Smith (Oranjemund)  
Associate member/Mede lid : J.R. Bicheno (Johannesburg)

2. CORRESPONDENCE/KORRESPONDENSIE

Members wishing, during the term of office of the present executive, to contact the secretary directly, may do so by writing to:

Dr G. Geldenhuys,  
P.O.Box 462,  
STELLENBOSCH,  
7 6 0 0

or by telephoning him at Stellenbosch 6238 during office hours or Stellenbosch 71 639 after hours.

\* \* \* \* \*

Indien lede van ONSA in die res van die termyn van die huidige uitvoerende komitee direk met die sekretaris in verbinding wil treë, kan hul skryf aan:

Dr G. Geldenhuys,  
Posbus 462,  
STELLENBOSCH  
7 6 0 0

Gedurende kantoorure kan hul hom skakel by Stellenbosch 6238 en ná ure by Stellenbosch 71 639.

3. CONGRESS/KONGRES

3.1 The list of periodicals with Operations Research content, available in South African Libraries, prepared by the National Research Institute for Mathematical Sciences of CSIR, for distribution at the congress last year, is now available, and will automatically be sent out to delegates together with the congress proceedings later in the year. Should any member wish to receive a copy earlier than this, they may apply to the Editor (T.J. Stewart), c/o NRIMS, P.O.Box 395, Pretoria, 0001.

A limited number of copies are also available on request to members who did not attend the congress (free of charge).

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Die lys van tydskrifte met Operasionele Navorsingsinhoud wat in Suid-Afrikaanse Biblioteke beskikbaar is, opgestel deur die Nasionale Navorsingsinstituut vir Wiskundige Wetenskappe van die WNNR, vir verspreiding by verlede jaar se kongres, is nou beskikbaar, en sal aan kongresbywoners gestuur word saam met die kongresverrigtinge later in die jaar. As daar lede is wat hulle kopieë vroeër wil kry, kan hulle by die Redakteur (T.J. Stewart) daarvoor aansoek doen. Sy adres is: p/a NNWW, Posbus 395, Pretoria, 0001.

Daar is ook 'n beperkte hoeveelheid kopieë wat vir lede wat nie die kongres bygewoon het nie, gratis beskikbaar is.

- 3.2 The Western Cape chapter has appointed Mr A.H. Money of the department of Mathematical Statistics at the University of Cape Town as convenor for the 1974 ORSSA Congress.

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Die Weskaapse tak het mnr A.H. Money van die Departement Wiskundige Statistiek van die Universiteit Kaapstad aangestel as sameroeper vir die 1974 ONSA kongres.

#### 4. IFORS

As we advised you in our last newsletter, ORSSA was accepted as a member of the International Federation of Operational Research Societies (IFORS) towards the end of 1973. This forges an important link between ORSSA members and the members of 25 other National OR Societies.

##### Objects of IFORS

Article 1 of the Statutes of IFORS covers the Objects of IFORS which are as follows:

The objects of the Federation shall be the development of operational research as a unified science and its advancement in all nations of the world. Means to this end shall be determined by the Federation in the manner outlined herein and shall include:

1. Sponsoring of international conferences and meetings.
2. Providing other means for the exchange of information on operational research between nations.
3. Encouraging the establishment of national operational research societies.
4. Maintaining standards of competence in operational research.
5. Encouraging the teaching of operational research.
6. Promoting the development of specific parts of operational research, for example, to ensure a balance within that science or to open up new fields.

Corresponding .... /3

Corresponding members

ORSSA members who would be willing to serve as corresponding members of any of the Standing Committees of IFORS are asked to advise the ORSSA Secretary. The Standing Committees are:

- (a) External Affairs - responsible for creating, developing and maintaining relationships with international organisations (e.g. UNO)
- (b) Publications - responsible for the planning, management and financial control of all professional and technical publications of IFORS, including "International Abstracts in OR".
- (c) Plans and Programmes - responsible for preparing a long range plan for Federation activities.

Advisers to IFORS

IFORS have also decided to appoint a number of experts in various fields as "Advisers to IFORS" who could be called on as appropriate to express their personal views of any given subject in the context in which IFORS has been asked to comment.

ORSSA members interested in being appointed advisers in one or more special areas should advise the Secretary.

5. NEWS ITEMS/NUUSBROKKIES

Ons wil mnr G. de V. de Kock, 'n lid van ONSA en onder ander 'n vorige sekretaris van die Pretoria-tak, hartlik gelukwens met sy bevordering tot professor in Rekenaarwetenskap aan die Universiteit van die Noorde.

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Mr B.H. James has been reappointed as ORSSA representative on the editorial board of Systems/Stelsels. ORSSA members are reminded that there is a lead time of 3 weeks for the submission of articles to Systems/Stelsels.

6. APCOM SYMPOSIUM

The twelfth International Symposium on the Applications of Computers in the Mineral Industry is to be held on 8-12 April 1974 at the Colorado School of Mines. (The last symposium was held in Johannesburg). Details may be obtained from:

Dr D.W. Gentry,  
Colorado School of Mines,  
Mining Department,  
Golden,  
COLORADO 80401  
U.S.A.

(Registration fees: 175 U.S. dollars).

A number of our members are authors or co-authors of papers to be read at the symposium, viz messrs A.J. Davies, D.C. Low and B.J.K. Smith of Consolidated Diamond Mines, Prof. D.M. Hawkins of the University of the Witwatersrand (two papers), Mr P.M.T. White, of IBM and Mr T.C. McGiddy of CSSL. We wish these members well on their (presumed) trips to the U.S.A.



7. CHAPTER NEWS/TAKNUUS

7.1 Western Cape/Weskaap

Die jaarlikse algemene vergadering van die Wes-Kaapse tak vind plaas op 5 Maart. Besonderhede oor die plek, tyd en 'n spreker sal binnekort aan al die lede van die tak gestuur word.

7.2 Johannesburg

The Johannesburg Chapter held its AGM on Wednesday 13 February, which, disappointingly, was very poorly attended. As a result, the load continues to fall on the same old work-horses, who were rather looking forward to being put out to pasture! The chapter committee is at present then:

Dr J.S. Avidan	-	Chairman
Mr K.C.W. Sandrock	-	Vice Chairman
Mr R. Eales	-	Secretary
Mr B.H. James	-	Treasurer
Dr P.W. de Lange		

7.3 Pretoria

A meeting is planned for 19 h 30 on 6 March in the Assembly Hotel. The chapter AGM will be included in the evening's activities, but Mr T.J. Stewart will also be addressing the meeting on "A policy assessment model for long-range town planning".

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TJS/CK  
15 February 1974

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- (2) Senior O.R. Officer - Graduates with at least 18 months O.R. experience. Salary from R5 820 per annum.
- (3) Staff O.R. Officer - Applicants will have a minimum of 3 years experience in applying O.R. to industrial problems, and will be able to manage projects with minimal supervision.  
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# Operations Research Analyst.

Mobil has an opening in their Operations Research section for a young graduate. Our man must have a degree with considerable mathematical/statistical content and the desire to build a career in the field of operations research. Previous experience in O.R. or an allied field would of course be an advantage.

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