

in the roles that the public sector has to play, but the initiatives must and should lie with the private sector. The risks and obstacles are many, but, as assuredly as the old prospectors looking for alluvial gold in the 1870s and early 1880s deviated from the established routes and started breaking hard rock, we shall lay bare the main reef of a great future as we reach out into new areas.

I trust that the ensuing centenary celebrations next year will be characterized not only by the review of a great history but more so by imaginative new-century resolutions. Such resolutions and their fulfilment are within the reach of the members of this very Institute.

Once again, Mr President, thank you very much for

presenting such a worthy challenge in such an illuminating and successful way.

Dr Wagner: On behalf of the members of this Institute, I thank Dr Alberts most sincerely for the continued interest that he has shown in the activities of the Institute. His inspiring, thought-provoking address showed deep concern for the well-being of the industry, and is an indication of his interest. I thank him for the warm words he expressed to our new President.

Conclusion

Mr James then took the chair and declared the meeting closed at 17h50.

Obituary: C.J. Irving

Cecil John Irving was born on 13th March, 1902. He was educated at King Edward's School in Birmingham, and at the University of Birmingham, where he graduated in B.Sc. Mining Metallurgy in 1922, and in B.Sc. Metal Mining on 7th July, 1923. He subsequently obtained his M.Sc. from the same University on 5th July, 1946. In addition, he held the Mine Surveyors, Mine Overseers, and Mine Managers Certificates of Competency.

He started work with the Rand Mines Group on Village Deep Limited on 1st December, 1923. A senior appointment that he held with the same Group was as Section Manager on Consolidated Main Reef and Estates Limited from 1st March, 1937, until 21st January, 1946. He was then appointed Mine Manager of Geldenhuis Deep Limited. The same year he was appointed Mine Manager of Rose Deep Limited, and on 1st December, 1952, he became Mine Manager of City Deep Limited. A year later, on 1st December, 1953, he was appointed Consulting Engineer to the Central Mining and Investment Corporation, a position he held until he retired on 13th March, 1967. He served on the board of Cape Asbestos (SA) from 15th July, 1967, until 15th January, 1973.

John Irving was President of the Chemical,

Metallurgical and Mining Society of South Africa, as the Institute was then known, for the 1951/52 period. He was awarded the gold medal of the Society in 1946 and in 1952, and was awarded the Consolidated Gold Fields gold medal by The Institution of Mining and Metallurgy (London) in 1946 for papers covering research in which he had a deep interest.

It is interesting to note that John Irving was a member of the first proto rescue team in South Africa while he was at Village Deep Limited in 1924, and that he acted as Superintendent of the Rescue Training Service while the legendary Mr Jas. Graham was on leave from 15th June, 1930, to 28th October, 1930.

John Irving was married to Gladys Thornicroft, and they had a son, Jonathan, and a daughter, Gillian. The family lived at 30 Reform Avenue in Melrose, Johannesburg.

He was a man of wide interests, including tennis, bowls, swimming, gardening, bee-keeping, photography, and travel among his sports and hobbies.

He died on 26th June, 1985, and is survived by his widow, his son and daughter, and five grandchildren.

Johannesburg 1986

The biggest mining exhibition ever held in Africa and several allied international conferences are to be staged in Johannesburg in September of next year.

Designed to commemorate a hundred years of mining in the city, the ELECTRA MINING 86 Exhibition will occupy more than 27 000 m² of space at the National Exhibition Centre. This makes the show about 30 per cent bigger than any similar event previously held in Africa.

According to Mr Bill Bishop of Specialised Exhibitions, organizers of the show, 81 per cent of the space available has already been taken up by exhibitors. The show will occupy six halls at the Showgrounds, as well as outside areas. Companies from West Germany, Britain, Austria, and France will provide a strong foreign flavour. Mr Bishop said that major emphasis would be placed on products with applications chiefly related to mining such as conveyors, longwall-mining systems, and other

mechanized mining aids.

ELECTRA MINING will coincide with GOLD 100, an international conference organized by the Chamber of Mines, Mintek, The South African Institute of Mining and Metallurgy, and The School of Business Leadership at the University of South Africa. The conference committee, under the leadership of the Past President of the Chamber of Mines, Mr G.Y. Nisbet, is currently planning the conference. At this stage, there are indications that the areas to be covered will include the supply and demand for gold, the role of gold in the financial system, the interface between the mining industry and the government, and the marketing and promotion of gold.

It is expected that the South African Institute of Mechanical Engineers will also be staging a conference at the National Exhibition Centre to coincide with the show.