



The Southern African Institute of Mining and Metallurgy (SAIMM) in cooperation with the International Atomic Energy Agency (IAEA), the Canadian Institute for Mining, Metallurgy and Petroleum (CIM), the Namibian Uranium Institute, and the Namibia University of Science and Technology (NUST) is proud to host the

# URANIUM 2017 INTERNATIONAL CONFERENCE

*Extraction and Applications of Uranium — Present and Future*

11 September 2017—Short Courses and Technical Visit

12–13 September 2017—Conference

14 & 15 September 2017—Technical Visits

Swakopmund Hotel, Swakopmund, Namibia



## BACKGROUND

Namibia is currently ranked the fifth-largest producer of uranium in the world and is set to become the world's second-largest producer once Swakop Uranium's Husab Mine is fully operational. This will undoubtedly position Namibia as a major uranium mining hub and will see the industry playing a more significant role in the national and regional economies.

Uranium as a material, and its applications, are often controversial. Yet, nuclear reactors are still being built despite the growth in energy generation through renewable sources and despite highly publicised nuclear accidents. Several countries are pursuing uranium enrichment programmes. Although prices are currently subdued, it is highly likely that there will be continued and sustained demand for uranium for the foreseeable future.

This conference aims to bring together professionals in the uranium industry. A broad range of topics will be discussed, ranging from mining to some of the applications of uranium, and including safety, and post-operations closure and remediation issues. Innovations in the extraction and applications of uranium are constantly being made, and this conference provides a platform for the discussion of advances and for generating new ideas.

It is fitting that the conference takes place in Swakopmund, Namibia. Not only do Namibia and this town have much to offer in scenic beauty, but Swakopmund (apart from being a favourite seaside resort) is also the centre of uranium extraction in the country. Most mines are located in the Namib Desert, within easy driving distance of the conference venue. The oldest uranium mine, Rössing Uranium, celebrated its 40th anniversary last year, having commenced operations in 1976. Pre- and post-conference visits are available.

The Uranium 2017 Conference will bring together internationally and locally recognized experts, operating personnel, engineering providers, policy makers, R&D establishments, academia, as well as students, to explore how future uranium extraction technologies can:

- ⇒ Assist in sustainable uranium extraction
- ⇒ Lower energy costs
- ⇒ Minimize the impact on the environment
- ⇒ Play an enhanced role in the medical field

### EXHIBITION/SPONSORSHIP

Sponsorship opportunities are available. Companies wishing to sponsor or exhibit should contact the Conference Co-ordinator.



**SAIMM**  
THE SOUTHERN AFRICAN INSTITUTE  
OF MINING AND METALLURGY



NAMIBIA UNIVERSITY  
OF SCIENCE AND TECHNOLOGY



**IAEA**

International Atomic Energy Agency



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### FOR FURTHER INFORMATION PLEASE CONTACT:

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*Announcement & Registration*

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### TECHNICAL VISITS

The following technical visits have been planned:

- > Rössing Uranium – the longest-running uranium mine in the world and third-largest open-cast mine
- > Langer Heinrich – was the first new uranium mine in 20 years on opening in 2007 and the lowest-cost open-pit mine in 2015.
- > Bannerman Resources demonstration plant
- > Viewing the geology of the Alaskite mineralisation in the lower Swakop river. Led by Proff. Judith Kinnaird and Paul Nex (WITS University)

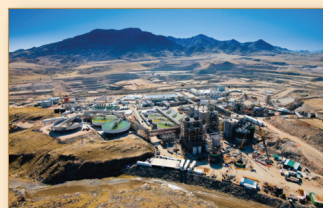
### SHORT COURSES

Two short courses on Nuclear medicine and radiopharmacy and on design of uranium processing plants will be offered.

The courses are accredited for Continuing Professional Development points with the Engineering Council of South Africa.

### KEY DATES

<b>26 May 2017</b>	Submission of papers for peer review
<b>11 August 2017</b>	Submission of final camera-ready papers
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Langer Heinrich (courtesy of Paladin Energy)

### Sponsors

