



IASEN 2024

The 2nd International African Symposium on Exotic Nuclei
9 – 13 December 2024

FIRST CIRCULAR

iThemba LABS is hosting the 2nd International African Symposium on Exotic Nuclei (**IASEN-2024**) which will be held from 9-13 December 2024.

This Symposium is jointly organized by [iThemba LABS](#), South Africa and [Joint Institute for Nuclear Research](#) (JINR), Dubna, Russia).

The Symposium will be held at a Venue close to Cape Town, South Africa.

The Symposium will be devoted to the investigation of **nuclei in extreme states**, in particular, at the limits of nuclear stability (from very light neutron- and proton-rich to super heavy nuclei).

Topics:

- Production of Exotic Nuclei / Rare Ion Beams
- Fundamental Research with Radio-active Ion Beams (RIBS)
- Applications with RIBS
- Nuclear Reactions & Astrophysics
- Nuclear Structure
- Isotopes in Nuclear Medicine

The program will include oral and poster presentations of contributed papers.

A school will be held for students on the day before the Symposium, Saturday 7 December.

The Organizing Committee encourages the submission of oral and poster contributions in the indicated scientific areas. The Organizing Committee, in consultation with the International Advisory Board, will invite plenary talks and select contributions for the parallel and poster sessions.

COMMITTEES:

International Organizing Committee:

Sergey Sidorchuk (Co-chair: JINR)
Victor Tshivhase (Co-chair: iThemba LABS)
Robert Bark (Scientific Secretary: iThemba LABS)
Mikhail Naumenko (Scientific Secretary: JINR)
Dmitry Kamanin (JINR)
Grzegorz Kaminski (JINR)
Peane Maleka (iThemba LABS)
Rudolph Nchodu (iThemba LABS)

Local Organizing Committee:

Peane Maleka (iThemba LABS)
Robert Bark (iThemba LABS)
Gillian Arendse (iThemba LABS)
Daphne Bucher (University of Cape Town)
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Arnoux Rossouw (JINR)
Christine Steenkamp (University of Stellenbosch)
Michelle Van Der Ventel-Bark (iThemba LABS)
Jan Rijn Zeevaart (NECSA)

International Advisory Committee:

Sean Freeman (ISOLDE)
Mitko Gaidarov (INRNE, Bulgaria)
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Nishio Katsuhisa (JAEA, Japan)
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Jie Meng (Peking University)
Yurii Oganessian (JINR, Russian Federation)
Krzysztof Rusek (Heavy Ion Laboratory, UW, Poland)
Toshimi Suda (Tohoku University, Japan)
Nick vd Meulen (PSI, Switzerland)
Emanuelle Vardaci (University of Napoli, Italy)

The Symposium will start on the morning of Monday, 9 December and finish in the afternoon of Friday, 13 December.

A Welcome Reception will be held on Sunday 8 December.
The Conference Banquet will be held on Thursday 12 December.

All details are available on the web-page at: <https://indico.tlabs.ac.za/event/129/overview>

ABSTRACTS:

The abstracts have to be submitted online before **18 October 2024**.
For details on how to upload your abstract using INDICO System see here:
<https://indico.tlabs.ac.za/event/129/abstracts/>

REGISTRATION:

Registration is now open. You can register online here:
<https://indico.tlabs.ac.za/event/129/registrations/98/>

SYMPOSIUM FEE:

The Registration Fees for the Symposium delegates are:

- 350 Euros (early bird up to 31 October 2024)
- 400 Euros (late registration up to 22 November 2024)

The fee includes lunch, coffee / tea breaks, a welcome reception, dinner, excursion and proceedings. Registration closes on **22 November 2024**.

A registration fee of 200 Euros for accompanying persons includes social activities.

The conference fee does not include the accommodation and airport transfers. Accommodation should be booked directly and paid directly at the chosen Hotel. (see accommodation page).

Limited financial support will be available to South African students and scientists. The candidates for financial support will be selected by the Local Organizing Committee.

Please indicate should you wish to apply for such support.

Important Dates:

Registration opens	Monday 3 June 2024
Abstract submission opens	Friday 31 May 2024
Abstract submission deadline	Friday 18 October 2024
Notification of acceptance of abstracts	tba
Early Bird Registration closes	Thursday 31 October 2024
Late Registration closes	Friday 22 November 2024
Accommodation bookings deadline	tba
Payment of fees deadline	Friday 22 November 2024

CONTACT DETAILS:

For further information contact:

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For more information visit:
www.iasen2024.tlabs.ac.za

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