



South African
**Nanoscience and
Nanotechnology**
Summer School

23 - 25 OCTOBER 2022



NANOAFRICA
CONFERENCE 2022

26 - 28 OCTOBER 2022

Nanotechnology for Sustainability: Towards attaining the World's Sustainable Development Goals.

DEADLINES NANO AFRICA ABSTRACTS

ABSTRACT
SUBMISSION
15 AUGUST
2022

ACCEPTANCE
NOTIFICATION
FROM
15 JUNE 2022

FULL ARTICLE
SUBMISSION
31 AUGUST
2022

NanoAfrica 2022, in partnership with the South African Nanoscience and Nanotechnology Summer School will be hosting the 6th South African Nanoscience and Nanotechnology Summer School, as well as the 8th International Conference on Nanoscience and Nanotechnology in Africa (NanoAfrica 2022).

The 6th South African Nanoscience and Nanotechnology Summer School will be held on the dates 23 - 25 October 2022 at The Lord Charles Hotel, Cape Town.

The 8th International Conference on Nanoscience and Nanotechnology in Africa (NanoAfrica 2022) will be a hybrid conference, on the dates 26 - 28 October 2022.

The face-to-face component of the conference will take place at The Lord Charles Hotel, Cape Town and the virtual component will be held on the Remo platform.

Conference theme: Nanotechnology for Sustainability: Towards attaining the World's Sustainable Development Goals.

Conference Aim and Scope: The conference provides an opportunity for scientists and engineers to share their research. The focus of the conference is to showcase how nanoscience and nanotechnology are assisting the world in attaining sustainable developmental goals. Apart from cutting edge research, the conference will also provide a platform for emerging researchers to present their work. The scientific program will feature plenary presentations, invited talks, panel discussions, oral and poster presentations and an insightful exhibition.

The conference hereby invites all scientists and engineers to submit an abstract to reflect on the above-mentioned theme, aim & scope, in the best sub-theme below:

Synthesis and characterization of nanomaterials

Nanomaterials for water applications: detection, treatment, and preservation

Modelling of nanosystems

Commercialization and industrialization of nanotechnology

Fabrication of nanosystems for sensing, diagnostics, imaging, magnetic and electronic applications

Nanoscience and nanotechnology education and communication

Nano-biotechnology and -biomedicine

Nanomaterials for energy applications

Nanotechnology and the 4th Industrial Revolution

Toxicity, risk assessment and regulations for nanomaterials



VENUE

The Lord Charles
Hotel, Somerset West



REGISTRATION FEES

R 4,000 - R 6,000*

*Depending on face to face or virtual participation

*20% discount for groups of 5 or more from 1 institution (for face to face attendance only)

SPEAKERS

Professor Artur Braun

EMPA, Switzerland

Professor Emmanuel Iwuoha

University of the Western Cape, South Africa

Professor Fabian Ezema

University of Nigeria, Nigeria

Professor Jasna Jankovic

University of Connecticut, USA

Professor Nazeeruddin

Ecole Polytechnique Fédérale De Lausanne (EPFL), Switzerland

Professor Stephan Barcikowski

University Of Duisburg-Essen, Germany

Professor Suchi Guha

University Of Missouri-Columbia, USA

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