

ISNNAM 2021

2021 INTERNATIONAL SYMPOSIUM ON NANOSTRUCTURED AND ADVANCED MATERIALS

UNIVERSITY OF JOHANNESBURG, SOUTH AFRICA
24 – 26 November 2021
CALL FOR PAPERS



ORGANIZERS

INTERNATIONAL SCIENTIFIC NETWORK ON
NANOSTRUCTURED AND ADVANCED MATERIALS
A Pan African Scientific Network
www.isnaam.org



Centre for Nanomechanics
and Tribocorrosion



Dept. of Metallurgical &
Materials Engineering



Institute for
Nanoengineering Research



Dept. of Materials
Engineering

ABOUT ISNNAM 2021

International Scientific Network on Nanostructured and Advanced Materials (www.isnnam.org) announces and invites participation at the 2021 International Symposium on Nanostructured and Advanced Materials (ISNNAM 2021). The Symposium aims to bring together international specialists working in the areas of nanoscience, nanoengineering, advanced materials and nano-innovations, to discuss the challenges, advance techniques and new frontiers in the processing, fabrication, analyses and testing of nanostructured and nanoengineered materials as well as nano-devices. The Symposium hopes to provide platform for scientific and technical exchange to enhance knowledge, skills, and progress in the multidisciplinary fields of nanoscience and nanoengineering, with special focus on transformation seeking and re-industrialization pathways for the African materials processing technologies in the 4th Industrial Revolution age.

SYMPOSIUM TOPICS/SESSIONS

The Symposium covers all areas of nanoscience, nanoengineering and advanced materials. Symposium topics includes but not limited to:

- *Advanced materials and the 4th Industrial Revolution*
- *Integrated Computational Materials Modelling*
- *Nanomedicine and health*
- *Nanomaterials synthesis and characterisation*
- *Nanotechnology in energy and electrochemical technologies*
- *Nanostructured alloys and ceramics technologies*
- *Nanotechnology in water and waste management*
- *Advances in polymer nanotechnologies*
- *Innovations in advanced materials processing*
- *Nanofabrication and Near-Net-Shaping*
- *Materials testing and performance*
- *Biomaterials, Biocorrosion and Tribo-corrosion*

KEYNOTE AND PLENARY SPEAKERS



Prof Maphanga
CSIR, Pretoria, South Africa



Prof Estournes
Universite Toulouse III, France



Prof Alaneme
Federal University of Technology, Akure



Prof Johnson
University of Namibia



Dr Gerlinger
Samara State University-Russia



Dr Diatta
Ziguinchor University, Senegal



Prof Olevisky
San Diego State University, USA



Prof Ray
CSIR, Pretoria, South Africa



Prof Andrews
Kwame Nkrumah University of science and Technology, Ghana

IMPORTANT DATES

| Event | Date |
|----------------------------------|----------------------------------------|
| Call for papers | 5 May 2021 |
| Deadline for paper submission | 31 August 2021 |
| Notification of Paper Acceptance | 4 weeks after submission of manuscript |
| Early Bird Registration Deadline | 30 September 2021 |
| Late Registration Deadline | 30 October 2021 |
| Pre-Symposium workshop | 22– 23 November 2021 |
| Symposium | 24 – 26 November 2021 |

PRE-SYMPOSIUM WORKSHOP

A two-day Pre Symposium Workshop on “**Nanoindentation Techniques**” that focusses on the theory and practice of instrumented indentation testing. The workshop is for existing nanoindentation users requiring skills on nanoindentation techniques and data analyses, as well as users of conventional indentation methods (Vickers, Rockwell, etc.) hoping to gain knowledge on nanoindentation techniques

SUBMISSIONS & PUBLICATION

- ❖ Double blinded peer-reviewed and accepted papers will be published in Materials Today: Proceedings (Elsevier) [Scopus Indexed].
- ❖ Authors should submit their article through Materials Today: Proceedings website located at: <http://ees.elsevier.com/MATPR/default.asp>
- ❖ Authors should select “ISNNAM 2021” when they reach the “Article Type” step in the submission process.
- ❖ For more details, guideline for authors, manuscript preparation, and manuscript templates, please follow: www.journals.elsevier.com/materials-today-proceedings

ISNNAM 2021 will adopt a mixed model approach of combined on-site and online meeting. Participants may chose to attend either physically at the conference venue or virtually through teleconferencing link . For more

information about ISNNAM 2021, please visit:

<https://www.isnnam.org> or contact okorom@uj.ac.za;

REGISTRATION

| PARTICIPANT TYPE | Early Bird Registration (before & on Feb. 29) | | Standard Registration (after Feb. 29) | |
|-----------------------------------------------------------|--------------------------------------------------|---------------|------------------------------------------|---------------|
| | National | International | National | International |
| Regular registration (2-day workshop and 3-day symposium) | R7500 | USD 500 | R8500 | USD 550 |
| Student registration (2-day workshop and 3-day symposium) | R6500 | USD 450 | R7500 | USD 500 |
| Regular registration for 3-day symposium | R6500 | USD 450 | R7500 | USD 500 |
| Student registration for 3-day symposium | R6000 | USD 420 | R6500 | USD 450 |
| Registration for 2-day workshop | R2000 | USD 150 | R2500 | USD 180 |
| Additional paper(s) from the same author(s) | R2000 | USD 150 | R2000 | USD 150 |

Manuscripts that are not paid for and presented will not be published

VENUE AND ACCOMMODATION



The symposium will be held at the STH Conference Center, University of Johannesburg, Bunting Road, Auckland Park, Johannesburg



Rooms have been reserved at the **Garden Court Milpark, Auckland Park**, which is located 1 km from the symposium venue. There are also a few B&B's within proximity of the symposium venue

SYMPOSIUM SECRETARIAT

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TECHNICAL ISSUES

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