

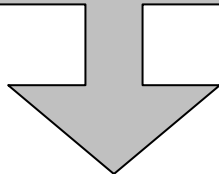


## The 5<sup>th</sup> International Conference of the African Materials Research Society

PLUS

## 8<sup>th</sup> Nigerian Materials Congress (NIMACON 2009)

5<sup>th</sup> IC-AMRS  
&  
NIMACON-2009



14<sup>TH</sup> -18<sup>TH</sup> Dec. 2009  
Abuja, Nigeria

1<sup>st</sup> Announcement  
&  
Call for Abstracts

### Background Information & Invitation

The African Materials Research Society at its last 4<sup>th</sup> African Materials Research (A-MRS) Conference held at Dar es Salaam in Tanzania between 10<sup>th</sup> and 14<sup>th</sup> of December, 2007 agreed that the headquarter of the Society should now rotate back to West Africa with Prof. O. O. Adewoye, the Director General of the National Agency for Science & Engineering Infrastructure as the President for the next 2 years (2008 and 2009).

In order to make the society active and increase its' visibility during these 2 years, the executive members decided that the program of events for the next 2 years will entail organising workshops and training including lectures and demonstrations in each of the A-MRS regions vis, West, East, North and South African zones. In addition to these workshops, the 5<sup>th</sup> International Conference of the African Materials Research Society will be held in December, 2009 in Abuja, Nigeria.

The titles of each workshop and their venues can be found at the A-MRS website ([www.africamrs.org](http://www.africamrs.org)).

This year's conference will incorporate another workshop on **Foundry and Advanced Manufacturing Technology**

#### Conference Theme:

**Nanotechnology, Advanced Materials and Manufacturing Technology for Africa**

#### Conference Structure

Plenary lectures, oral presentations, poster sessions and industrial exhibitions

The workshop will have both lectures and practical session components

### Sub-themes

- ✚ Capacity Building:
    - Research & Development for Product Development
    - Infrastructural Development
    - Economic Manufacturing
    - Innovation and the Market
  - ✚ Foundry Development and Furnace Manufacturing in Africa
    - Furnace Lining Technology
    - Furnace Development
    - Ductile Iron & Austempered Ductile Iron Production from Rotary and Cupola Furnaces in Africa
  - ✚ Advance Manufacturing
    - Design
    - Simulation and Modeling
    - Rapid Prototyping and Machining Operations
    - Printed Circuit Boards and Surface Mount Technology
    - Novel Techniques for Production of Biomaterials
  - ✚ Nanosciences and Nanotechnology
    - Device Fabrication
    - Nanophotonics and Nano-biomimetics
    - Nanostructures for energy applications
    - Novel drug delivery system.
    - Tissue Engineering.
  - ✚ Basic Sciences of Materials
    - Crystallography
    - Structure/Property Relationship
  - ✚ Materials Education and Networking.
- The list is not exhaustive.

#### Conference & Workshop Language

Oral and postal presentations, abstracts, posters and full texts will be in English. No translation will be provided.

## Abstracts for the Conference

Interested authors are requested to submit short abstracts (not more than 300 words) of their proposed papers to:

**africa\_mrs@yahoo.com**

Please adhere strictly to the following;

- ✦ The paper title should be bold, Times New Roman 14 point and centered,
- ✦ Names of all authors with initials first, the complete postal address and affiliation of each author,
- ✦ Email address of the corresponding author and title,
- ✦ No figure, equation or reference accepted in the abstract,
- ✦ Main text should be Times New Roman, 12 point and 1.5 spacing and single column,
- ✦ References cited by numbers in the main text.
- ✦ References at the end of the manuscript; authors, citation, year.

## Publication

After the review process, all accepted papers will be published in the conference proceedings which will have an ISBN number.

## Conference Fees

	Nigerian participants	Others
Students	₦5,000	US\$ 100
Academics	₦ 25,000	US\$ 400
Industrialists	₦ 50,000	US\$ 500

This fee will cover the conference dinner, lunches during the conference, all coffee breaks as well as a copy of the published book of abstracts.

## Second Announcement

The second announcement will contain the tentative conference program as well as more details on accommodation and reception conditions.

## Important Dates

- 10 Aug. 2009:** Deadline for submission of abstracts.
- 10 Sept. 2009:** Notification of acceptance of abstract
- 10 Oct. 2009:** Deadline for submission of full paper (oral and poster presentation)
- 10 Nov. 2009:** Deadline for registration.

## Location of the conference

The conference and the workshops will be held at **Abuja Sheraton Hotel & Towers**, Ladi Kwali Street, P.M.B. 143, Maitama, FCT, Abuja, Nigeria.

List of available hotels not far from Sheraton will soon be made available through the information guide.

## Local Organising committee

Chairperson: Prof. O. O. Adewoye

### Members:

- Dr. A. Y. Fasasi (CERD/NASENI)
- Dr. B. Babatope (EMDI)
- Dr. (Eng.) A. R. Adetunji (OAU/EMDI)
- Dr. Zebastian Kana (SHESTCO)
- Dr. 'Shola Odusanya (SHESTCO)
- Dr. Fabian Ezema (UNN)
- Engr. S. O. O. Olusunle (NASENI)
- Dr. (Mrs.) Z. Hammanga (RMRDC)
- Mr. A. S. Koliere (RMRDC)
- Dr. E. Dare (UNAAB)

## Conference Advisory Committee (Executive Committee – MRS Africa)

- Prof. O.O Adewoye
- Prof. A. Beye (Senegal)
- Prof. Y. Ballim (South Africa)
- Dr. Buchweishaja (Tanzania)
- Prof. T. Otiti (Uganda)
- Prof. J.V. Tesha (Tanzania)
- Prof. A. El Jazouli (Morocco)
- Dr. J. Zimba (Zimbabwe)

Prof. C. Chama (Zambia)

## International Scientific Committee

- Banda E. (Uganda)
- Chang R.P.H. (USA)
- Lachgar (USA)
- Aduda B.(Kenya)
- Otiti Tom (Uganda)
- Bisanda E. (Rwanda)
- Ghavami (Brazil)
- Savastano (Brazil)
- Sigbritt K. (Sweden)
- Maaza, M. (Algeria/South Africa)
- Cheetham, A. (USA)
- Babatope, B (Nigeria)
- Every A. (South Africa)
- Mona Marei (Egypt)
- Kenai S. (Algeria)
- Osseo-Asare K. (Ghana/USA)
- Sathiaraj S.(Botswana)
- Soboyejo W. (Nigeria/USA)
- Imasogie B. I. (Nigeria)
- Asfaw. A.. (Ethiopia)
- Dongo, E.(Cameroon)
- Mtenga, P. (USA)
- Nava Setter (Swiss)
- Douta Tall, P (Senegal)
- Msambichaka, J. (Tanzania)
- Alford T. L. (USA)

## Potential Supports for the Conference & the Workshops.

NASENI (NIG.), NRF (SA), NSF(USA), US-MRS, USAMI (Princeton), IUMRS, UNESCO, TWAS, TWOS, TWALC, COSTEC, SidaSAREC, IICAM, IMI, NEPAD, ALC, ICMR, CTP-ICS, MTN, SHELL, CHEVRON, ZAIN, GLO

## Contact Information

Direct all enquiries and application form and abstract to

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- (ii) ayfasasi@yahoo.co.uk