



University of Nigeria
to restore the dignity of man

DEPARTMENT OF MATHEMATICS

Invites the general public to the

2ND INTERNATIONAL WORKSHOP ON MATHEMATICAL MODELING AND SIMULATIONS 2017 (IWMMAS, 2017)

Target
Audience:

- Academics and Postgraduate students in Physical Sciences, Engineering, Management sciences, Social sciences, Biological Sciences, Agricultural sciences, Pharmaceutical sciences, Medical and Para-medical sciences etc.
- Participants interested in the mathematical analysis of real world problems.
- Participants from the Industries.

Date

17th— 24th September, 2017

Arrival: Sunday 17th September, 2017

Departure: Sunday 24th September, 2017

Venue:

**Department of Mathematics,
University of Nigeria, Nsukka**

Topics covered /Resource Persons

- Bio-mathematics/Epidemiological model
- Non-Epidemiological models (Cardiovascular flows)
- Analysis of models constructed
- Fluid dynamics and their models
- Fluid Mechanics
- Financial Mathematics/Optimization
- Fractional differential equations
- Differential Equations (ODE &PDE)
- Methods of Solutions to systems of ODE &PDE
- Basic tools and software for Graphical Analysis of models

Prof. N.I. Akinwande (FUTMINNA)
Prof. G.C.E. Mbah (UNN)
Dr. D. Okunghae (UNIBEN)
Prof. V. Asor (MOUAU)
Prof. S. O. Enibe (Mech Engr, UNN)
Dr. B. Osu
Prof. M. O. Oyesanya (UNN)
Prof. F. I. Ochor (UNN)
Ass. Prof. A. Sirajo (FUTMINNA)
Dr. T. Tivde(FUAM), Dr D. Sarki,
and Dr. D. Agbebaku (UNN)

Registration

Registration Fee: N25, 000 per participants
All registered participants will be entitled to

- Full Lecture notes for each workshop topic
- Breakfast, Lunch and Dinner each day
- Workshop bag and Stationeries
- Transportation to and from Hotels lodging

Accommodation

- | | |
|---------------------------|-------------|
| • University Guest houses | From N5,000 |
| • Jucony Hotel | From N5,000 |
| • New Carolina | From N3,500 |
| • Golden eve Hotel | From N4,000 |
| • Elrina Hotel | From N3,000 |
| • Oxford guest house | From N4,000 |
| • Grace Manor Hotel | From N5,000 |

NB: Participants may contact the LOC to help arrange their accommodation prior to the start of the workshop.

Local organizing committee

- | | |
|----------------------------|---------------------------|
| • Prof M. O. Oyesanya | - Chairman, LOC |
| • Prof G. C E Mbah | - Host |
| • Dr. D. F Agbebaku | - Chairman, Planning com. |
| • Mr. C. Okoye | - Secretary |
| • Dr. (Mrs) U. Ezeafulukwe | -Treasurer |
| • Mrs. C. L. Ejikeme | - Finance |
| • Mr. I. Ezike | - Protocol/publicity |

For Enquiries

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Phone: 08034198454, 08063450485, 08036006333, 08142169515, 08063310752

Chief Host

Professor Benjamin C Ozumba
Vice Chancellor ,
University of Nigeria, Nsukka

Guest speaker

Professor R. A. Kimbir
DVC, University of Agriculture Markudi

Guest of Honour

Professor F. I Ugwuowo
Dean, Faculty of Physical Sciences

Host

Professor Godwin C E Mbah
Head, Department of Mathematics

Organizers

**Mathematical Modeling and
Simulations(MMAS) Research Group**