



University of Nigeria

to restore the dignity of man

IN CONJUNCTION WITH

NIGERIAN SOCIETY FOR MATHEMATICAL BIOLOGY (NSMB)

&

PASTOR ADEBOYE PROFESSORIAL CHAIR IN MATHEMATICS, UNN

DEPARTMENT OF MATHEMATICS

Invites the general public to the

### 5<sup>TH</sup> INTERNATIONAL WORKSHOP AND CONFERENCE

ON MATHEMATICAL MODELING, SIMULATIONS, MATHEMATICAL ANALYSIS AND OPERATOR THEORY (IWCMMMSMAOT, 2021)

#### THEME:

DISTORTION OF ECOLOGICAL SYSTEMS BY HUMAN ACTIONS: THE MATHEMATICAL MODELLING INTERVENTION STRATEGIES.

### Call for abstract/paper submissions

Please submit your abstract to [godwin.mbah@unn.edu.ng](mailto:godwin.mbah@unn.edu.ng) or [dennis.agbebaku@unn.edu.ng](mailto:dennis.agbebaku@unn.edu.ng)

Deadline for abstract submission: **Friday 1<sup>st</sup> October, 2021.**

#### Venue:

Department of Mathematics, University of Nigeria, Nsukka

#### Registration Fees

Workshop Registration Fee: N25, 000  
Conference Registration fee (which include membership fee): N20, 000  
All workshop participants are automatically registered for the conference. There will be chance for virtual attendance.

#### Date

**Workshop: 10<sup>th</sup> — 13<sup>th</sup> October, 2021**

Arrival for workshop: Sunday 10<sup>th</sup> October, 2021

**Conference: 13<sup>th</sup> – 16<sup>th</sup> October, 2021**

Arrival for conference: Wednesday 13<sup>th</sup> October, 2021

Departure: Saturday 16<sup>th</sup> October, 2021

#### Workshop topics /Resource Persons

- Ecological and Eco-toxicological Modelling
- Introduction to applied dynamical systems theory
- Mathematical analysis and operator theory
- Basic tools and software for Analysis

Prof. G.C.E. Mbah (UNN)  
Prof. D. Okunghae (UNIBEN)  
Prof. M. O. Osilike (UNN)  
Dr. T. Tivde(FUAM)/Dr. D. F. Agbebaku(UNN)

#### Accommodation

- University Guest houses From N6,000
- Jucony Hotel From N7,000
- New Carolina From N5,000
- Golden eve Hotel From N5,000
- Elrina Hotel From N5,000
- Oxford guest house From N5,000
- Grace Manor Hotel From N5,000

NB: Participants may contact the LOC to help them arrange their accommodation prior to their arrival.

#### To Register

1. Pay the registration fee (not accommodation fee) to the following account:  
Account name: Staff welfare Mathematics Department, UNN  
Account number: 0077516898 (Access Bank)
2. E-mail details of payment to: [chukwudi.okoye@unn.edu.ng](mailto:chukwudi.okoye@unn.edu.ng) or [dennis.agbebaku@unn.edu.ng](mailto:dennis.agbebaku@unn.edu.ng)

#### Chief Host

Professor Charles A. Igwe  
Vice Chancellor,  
University of Nigeria, Nsukka

#### Keynote address speaker

Professor C. D. Nwani  
Dept of Zoology and Env. Biol., UNN  
Topic: Ecological pollution and Eco-toxicological problems and control

#### Guest of Honour

Director, National Mathematical center

#### Plenary speakers

Professor N. I. Akinwande- Mathematical Modelling (F. U. T. Minna)  
Professor V. E. Asor – Fluid Dynamics (Michael Okpara UNIAGRIC, Umudike)

#### Host

Dr. Augustine O. Odio  
Head, Department of Mathematics

#### Local organizing committee

Prof G. C E Mbah Chairman, LOC

#### Members

- Dr B. G. Akuchu
- Dr. D. F Agbebaku
- Dr. (Mrs) U. Ezeafulukwe
- Dr. C. C. Asogwa
- Dr. O. C. Collins
- Dr. Mrs. F.O. Isiogugu
- Dr S. E. Aniaku
- Dr. C. Okoye
- Mr. P.U. Nwokoro
- Dr. Mrs. C. L. Ejikeme
- Dr. Mrs. M. B. Okofu
- Dr. F. Ogbuisi

#### For Enquiries

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