

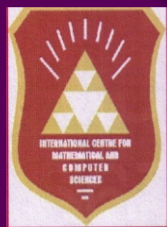
WELCOME TO NIGERIA

# INTERNATIONAL WORKSHOP & CONFERENCE ON "New Trends in the Mathematical & Computer Sciences With Applications to Real World Problems"



Organized by the  
**COVENANT UNIVERSITY**  
CANAANLAND, OTA

And  
**INTERNATIONAL CENTRE FOR MATHEMATICAL  
AND COMPUTER SCIENCES**  
IKOYI, LAGOS, NIGERIA



In Collaboration with the  
**NATIONAL UNIVERSITIES COMMISSION**

■ **Venue:** Covenant University, Ota

■ **Date:** 19-23 June, 2006

## ● SUB-THEMES

- Algebra, Semi-groups, groups, modules
- Analysis, topology, topological algebras, algebraic topology, K-theory, non-commutative geometry and topology
- Differential and integral equations, dynamical systems, numerical analysis
- Measure and probability theory, stochastic analysis, mathematical statistics
- Mathematical physics, mathematical modelling, mathematical biology
- Algebraic Geometry
- Operations research, optimization,
- Financial mathematics, actuarial science,
- Scientific computing and simulation, parallel and distributed computing, networks, data communication, mobile communications technologies
- Data mining, knowledge discovery in database, database systems
- Software systems, software engineering, embedded systems, programming languages, internet technologies
- Artificial intelligence, expert systems
- Human-computer interaction, visualization, computer graphics
- Cryptography, cryptology, security systems
- Information technologies, information systems, e-commerce

## ● INVITED SPEAKERS

- JAN VAN DEN BERG (Rotterdam, The Netherlands): Neural Networks and Fuzzy Systems: Theory and Applications.
- WITOLD KARWOWSKI (Opole, Poland): Perturbations of Partial Differential Operators: Theory and Applications.
- STIG LARSSON (Goteborg, Sweden): Nonlinear Partial Differential Equations: Theory, Approximations & Applications.
- WAYNE PATTERSON ( Washington DC, USA): Data Mining and Warehousing

- ARUN SOOD (Fairfax, USA): Virtualization, Availability and Security: Theory and Applications.
- BERNT WENNBERG (Goteborg, Sweden): Mathematical Modelling and Simulation: Principles and Application.

## ● CALL FOR PAPERS AND IMPORTANT DATES

**The Proceedings of the Conference will be published. Consequently, speakers are to send in Research Oriented Papers that address current issues, Future Challenges and Advance the State-of -the-art in the field. Papers should be processed using MS-Word or Latex2e, and sent to the undersigned adhering to the following dates:**

*Submission of Full Paper: May 12th, 2006*  
*Notification of Acceptance: May 26th, 2006*  
*Submission of Camera Ready Documents: 2nd June, 2006*

Papers presented at the conference may also be submitted to the Editors of **International Journal of Mathematical and Computer Sciences**. (<http://ijmcs.icmcs>), published by the icmcs, for possible publications.

## ● ORGANIZATION OF THE WORKSHOP/CONFERENCE

The first three days shall be a teaching workshop in the stated areas of Computer Science and Mathematics, while the last two days shall be for the conference.

## ● PRESENTATION

**Two modes of presentation of papers will be available at the conference: Oral presentation for 15minutes using powerpoint and poster presentation. At most one oral presentation will be allowed per non-invited speaker. Where one of the abstract submitted by a person has been accepted for oral presentation, he/she may present the others as posters.**

## ● REGISTRATION

Registration fees are as follows:

Workshop & Conference:  
Nigerian non-student participant: N35,000  
Non-Nigerian Participant \$250

Conference:  
Nigerian non-student participant: N10,000  
Non-Nigerian Participant \$100

## ● CONFERENCE WEBSITES

Intending participants may visit the websites:

[www.icmcs.org/conference.htm](http://www.icmcs.org/conference.htm)

And

[www.covenantuniversity.com](http://www.covenantuniversity.com)

for current information about the conference.

## Correspondence

All correspondence should be sent electronically to either of the following persons

■ Dr C.R. Nwozo,  
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■ Dr M.B. Olorunsaiye,  
E-mail: [conference@covenantuniversity.com](mailto:conference@covenantuniversity.com), 234-

■ Workshop/Conference will be directed by:  
Prof. G.O.S. Ekhaguere,  
University of Ibadan, Ibadan, Nigeria.  
& Dr. C.K. Ayo,  
Covenant University, Canaanland, Ota