



UNIVERSITY OF BOTSWANA



CALL FOR PAPERS  
The Fifth IASTED African Conference on  
**MODELLING AND SIMULATION**  
**September 1-3, 2014**  
**Gaborone, Botswana**

**SPONSORS**

The International Association of Science and Technology for Development

Word Modelling and Simulation Forum



**HOST ORGANIZATION**

University of Botswana

**LOCAL ARRANGEMENTS CHAIR**

**Dr. Audrey Masizana, University of Botswana**

**CONFERENCE CHAIR**

**Prof. Francis J. Ogwu, University of Botswana**

**PURPOSE**

The fifth IASTED African Conference on Modelling and Simulation (AfricaMS 2014) is an international forum for researchers and practitioners interested in the advances and application of modelling and simulation.

## LOCATION, GICC, GRAND PALM HOTEL, GABORONE BOTSWANA



## DIRECTIONS



Experience the stunning beauty and culture that Botswana has to offer. Located in Southern Africa, Botswana is a country with diverse and exotic scenery that ranges from the Kalahari Desert to one of the world's largest intact inland Delta – the Okavango. During the day, venture out into the wilderness and explore the many reserves and national parks that are home to African Elephants,

Cheetahs, and many other endangered species. At night, return to the big city and listen to live Tswana music and sample some of Botswana's unique cuisine. Observe Botswana's booming economy first hand and get inspired by the country's development. Regardless of your past travel experiences, Botswana is sure to have something new and exciting to offer. For more information on Botswana, visit the official tourism site: <http://www.botswanaturism.co.bw/>

## **SCOPE**

AfricaMS 2014 will cover topics including, but not limited to the following:

### **THEME 1: Modelling**

- Bond Graph Modelling
- Dynamic Modelling
- Model Development
- Physical based Modelling
- Continuous and Discrete Methodologies
- Mathematical Modelling
- Numerical Methods
- Time Series Analysis

### **THEME 2: Simulation**

- Computer Games
- Monte Carlo Simulation
- Simulation Tools and Languages
- Visualization
- Discrete Event Simulation
- Object-Oriented Implementation
- Virtual Reality
- Web-based Education

### **THEME 3: Applications**

- Engineering
- Environment
- Economics
- Finance
- Health and Wellness
- Transportation
- Other Areas

## **INTERNATIONAL PROGRAM COMMITTEE**

Ass. Prof. G. A. Gravvnis - Democritus University of Thrane, Greece

Dr. S. Liu - Tianjin University, PR China

Prof. J. J. Nieto - University of Santiago de Compostela, Spain

Prof. J. Parker - University of Calgary, Canada

R. Karba - University of Ljubljana, Slovenia

R. Snow - Embry-Riddle Aeronautical University, USA

## **SUBMISSIONS**

Submit your papers via the website: [www.iasted.org/conferences/submit-812.html](http://www.iasted.org/conferences/submit-812.html)

All submissions should be in Adobe Acrobat (pdf) format. The paper must be received by **April 1, 2014**. Receipt of the paper submission will be confirmed by e-mail.

Please complete the online initial paper submission form, designating an author who will attend the conference and providing four key words to indicate the subject area of your paper. At least one of the key words must be taken from the list of the topics provided under "scope". Initial paper submissions should be full papers, approximately eight pages long. Formatting instructions are available at: <http://www.iasted.org/formatting-initial-page.html>

All papers submitted to IASTED conferences must be previously unpublished and may not be considered for publication elsewhere at any time during the review period. Authors are limited to a maximum of three paper submissions. Authors are responsible for having their papers checked for the style and grammar prior to their submission. Papers may be rejected if the language level is not satisfactory.

Notification of acceptance will be sent via email **by May 15, 2014**. Final manuscripts are due by **June 1, 2014**. Registration and final payment are due by **June 15, 2014**. Late registration fees or paper submissions will result in the paper(s) being excluded from the conference proceedings.

## **REVIEWING**

All papers submitted to this conference will be double-blind peer reviewed by at least two members of the International Program Committee and related technical committees. Acceptance will be based primarily on originality, significance, technical soundness, presentation, and references. The conference chair makes the final decision on the acceptance or rejection of the paper.

## **FINAL PAPERS**

Send your final manuscript to: <http://pdfportal.iasted.org/Admin.aspx>. Formatting instructions for final papers can be found at: <http://iasted.org/formatting-final-page.html> and must be strictly followed. The page limit for final papers is eight single-spaced pages in 10 point Times New Roman point. Only one paper of up to eight pages is included in the regular registration fee. There will be an added charge for any extra pages, or for any additional papers.

## **TUTORIALS**

Proposal for three-hour tutorials should be submitted online by **April 1, 2014** via the following email address: [beautymolao@gmail.com](mailto:beautymolao@gmail.com) or [calgary@iasted.org](mailto:calgary@iasted.org).

A tutorial proposal should be clearly indicate the topic, background knowledge expected of the participants, objectives, time allocations for the major courses topics, and the qualifications of the instructor(s).

## **PRODUCT ORIENTED LECTURES**

Individuals, companies and organizations are invited to present product-oriented lectures at AfricaMS 2014. Proposals should be submitted by email to Beauty Molao at [beautymolao@gmail.com](mailto:beautymolao@gmail.com) and should include the name of the conference, title of the presentation, the name of the presenter and his/her address and email, and a maximum 250 words summarizing the presentation. Proposals should be received by April 1, 2014. Receipt of submission will be confirmed by email. Notification of acceptance will be emailed by May 15, 2014. Registration and final payment are due by June 15, 2014. Opportunities will exist for desk top exhibits at an additional charge.

## **INDEXING**

The proceedings will be sent for indexing in the following:

- El Compendex
- Inspec
- Google Scholar
- Scopus
- EBSCO

## **JOURNALS**

Expanded and enhanced versions of papers published in the conference proceedings can also be submitted for the consideration to the International Journal of Modelling Simulation at: [www.actapress.com/SubmissionInfo.aspx](http://www.actapress.com/SubmissionInfo.aspx).

Whole proceedings as well as single papers can be purchased online. Please visit ACTA Press: [www.actapress.com](http://www.actapress.com).

## **IMPORTANT DEADLINES**

Submission due	April 1, 2014
Notification of acceptance	May 15, 2014
Final manuscript due	June 1, 2014
Registration deadline	June 15, 2014

## CONCURRENT CONFERENCES

Africa MS will be held in conjunction with the IASTED International African Conference on:

- **Power and Energy Systems (AfricaPES 2014)**
- **Environmental and Water Resources Management (AfricaEWRM 2014)**
- **Health Informatics (AfricaHI 2014)**

## SECRETARIAT

For more information or to be placed on our mailing list, please contact:

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## HEADQUARTERS

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## CONFERENCE ANNOUNCEMENT

<http://iasted.org/conferences/cfp-813.html>