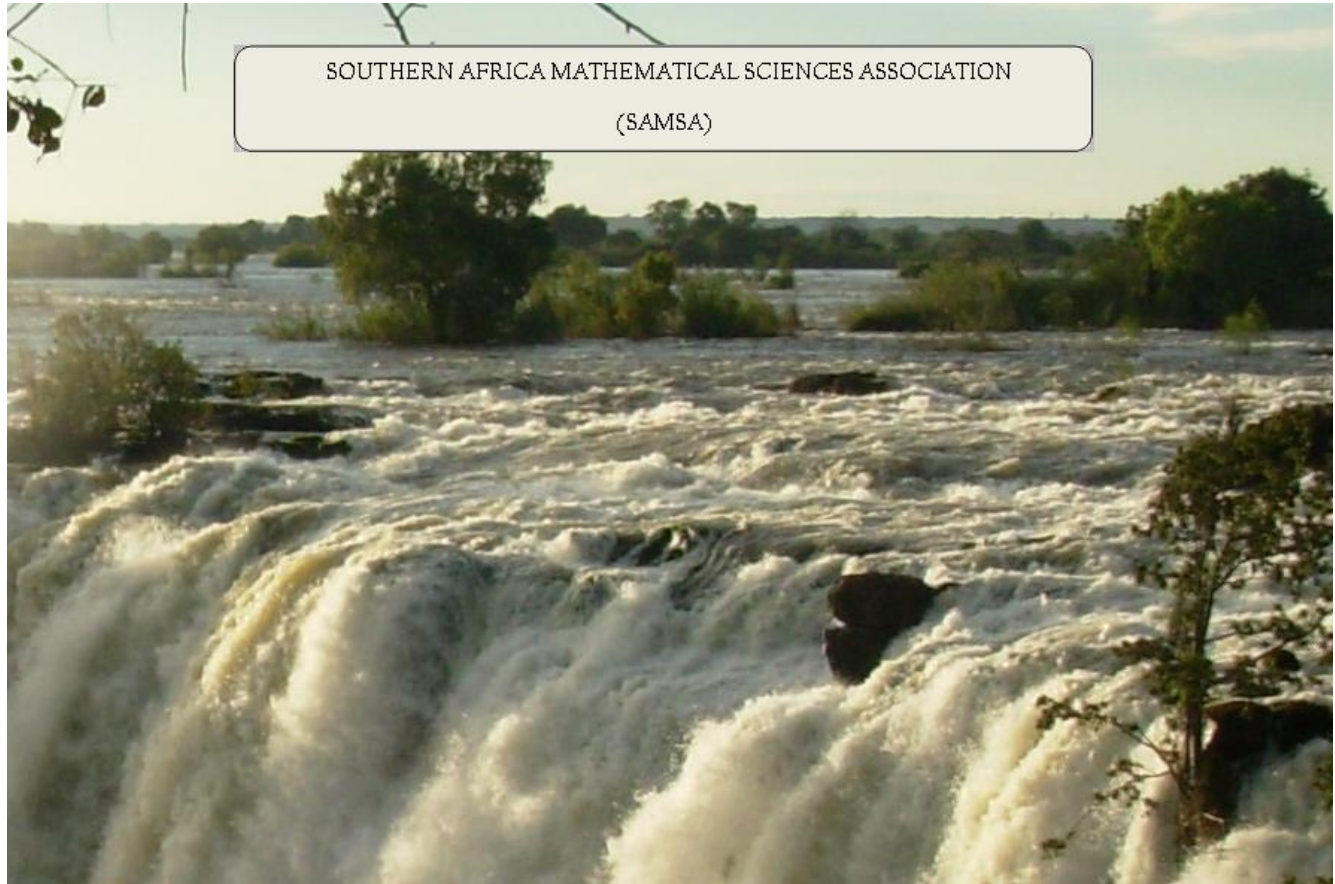
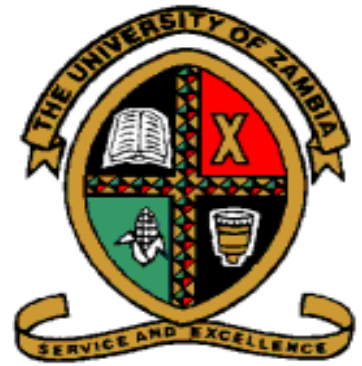




SAMSA



SOUTHERN AFRICA MATHEMATICAL SCIENCES ASSOCIATION
(SAMSA)

SECOND CALL

The Southern Africa Mathematical Sciences Association (SAMSA) 2011 Conference

Introduction: The SAMSA conferences have over the last 30 years served as an avenue for the exchange of knowledge, information and provoking new ideas in problem solving between experts from Southern Africa’s academic, industrial and commercial sectors. Being conscious that the world is increasingly becoming one, SAMSA has always extended invitation to experts from the western countries who have been gracious enough to be present to share their ideas at the conferences. To commemorate the association’s achievements, SAMSA will this year hold its conference in the tourist town of Livingstone in Zambia. The 2011 SAMSA conference will be jointly hosted by University of Zambia, Copperbelt University and Mulungushi University.

Theme: The theme for this year's conference will be "The role of Mathematical Sciences in sustainable development."

Aim and Objectives:

The aim of the conference is to provide a platform for experts for an exchange of ideas.

Specific objectives of the conference are:

1. To present the most recent advances in Pure and Applied Mathematical Sciences.
2. To share ideas on new approaches to problem-solving in current research areas in the Mathematical Sciences.
3. To present different mathematical models in problem-solving in the areas of health, education, finance, environment, engineering, commerce and industry.
4. To promote networking among experts in different disciplines of Mathematical Sciences.

Date: 28th November to 2nd December 2011.

Venue: New Fairmount Hotel, Livingstone, located within the town of Livingstone.

Travel: Livingstone can be reached by road from Lusaka (Capital City of Zambia), all the surrounding SADC countries and directly by air from Johannesburg airport (Oliver Tambo).

Accommodation: Accommodation and lodging will be at New Fairmount Hotels, but participants will free to find accommodation in a number of hotels and lodges around the conference venue, specific detail to follow later.

Registration: There will be a conference registration fee of US\$150 and US\$75 for students. The registration fee will include tea/coffee during the breaks, lunches, conference dinner, excursion and conference materials.

Call for abstracts: The deadline for submission of abstracts is the 30th September 2011. The abstracts preferably prepared in Latex should be sent to the following:

1. Dr. A Banda abanda@unza.zm,
2. Mr. A. K. Chishiba achishib@unza.zm

NB. Copy to the SAMSA Secretary

Dr. Farai Nyabadza nyabadzaf@sun.ac.za

Conference Proceedings: The date for submission of full papers to be published in the SAMSA 2011 conference proceedings is 30th October 2011. The papers should be in Latex. Please contact the secretary for the guidelines. Email: nyabadzaf@sun.ac.za

Invitation letters: If you require a visa to enter Zambia write to the Secretary or the Chairman of the Local Organizing Committee who will issue the invitation.

Programme:	To be communicated after the closure of abstract submission deadline.
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Fields of Interest: Presentations at the conference will come from the following areas:

Mathematical Finance	Mathematics Education	Fluid mechanics	Real Analysis
Numerical Analysis	Population modeling	Algebra	Statistics
Functional Analysis	Ecological modeling	Topology	Hydrological modeling
Mathematical Biology	Climate models	Ring Theory	Epidemiology
Coding Theory	Cryptography	Computer Science	Operations Research

Local Organizing Committee:

Dr. A Banda	abanda@unza.zm	+260955431497	(UNZA) Chairperson
Mr. A. K. Chishiba	achishib@unza.zm	+260966450849	(UNZA) Secretary
Mrs. S Jain	sjain@unza.zm	+260977626991	(UNZA)
Dr. I.D. Tembo	isaactembo@unza.zm	+260978733071	(UNZA)
Dr. H. Mulenga		+260979040623	(Copperbelt University)
Mr. U.N. Haankuku	unhaankuku@yahoo.com	+260977728652	(Mulungushi University)

Southern Africa Mathematical Sciences Association (SAMSA) Executive

1. Dr. Chiteng'a John Chikunji (Botswana) – President
2. Dr. Peter Y. Mhone (Malawi) – Vice-President:
3. Dr. Farai Nyabadza (South Africa) – Secretary
4. Dr. Moatlhodi Kgosimore (Botswana) – Treasurer
5. Dr. Amos Banda (Zambia) –Committee member
6. Dr. E. S. Massawe (Tanzania) – Committee member
7. Dr. Senelani D. Hove-Musekwa (Zimbabwe) – Committee member

Scientific Committee:

1. Prof. W. Ogana (Kenya)
2. Prof. B. Oksendal (Norway)
3. Prof. O. Jenda (USA)
4. Prof. E. M. Lungu (Botswana)
5. Prof. H. Fleischner (Austria)
6. Prof. J. A. Ryan (Malawi)
7. Prof. N. Khumbah (USA)
8. Prof. M. Zervos (UK)
9. Dr. A. Madzvamuse (UK)
10. Prof. H. Toure (Burkina Faso)
11. Dr. V. M. Nawa (University of Zambia)
12. Mr. U.N. Haankuku (Mulungushi University)
13. Dr. H. Mulenga (Copperbelt University)
14. Dr. R. G. Chabo (Botswana)

CONTACT DETAILS:

1. Issues to do with SAMSA contact:

Dr. Farai Nyabadza nyabadzaf@sun.ac.za +27834518698

2. Issues to do with Zambia and the LOC contact:

Dr. A Banda abanda@unza.zm +260955431497

Mr. A. K. Chishiba achishib@unza.zm +260966450849

Invited Speakers:

1. Prof. Mark Davis, Imperial College, **UK**
2. Prof. Edward Lungu, University of Botswana, **Botswana**
3. Prof. Bernt Oksendal, University of Oslo, **Norway**
4. Prof. Giulia di Nunno, University of Oslo, **Norway**
5. Prof. John Ryan, Mzuzu University, **Malawi**
6. Prof. Etienne Pardoux, Universite de Provence, **France**
7. Prof. Knut Aase, NHH, Bergen, **Norway**
8. Prof. Mihail Zervos, London School of Economic, **UK**
9. Prof. Eckhard Platen, University of Technology, Sydney, **Australia**
10. Prof. Wayne Patterson, Howard University, **Canada**
11. Prof. Overtoun Jenda , Auburn University, **USA**
12. Dr. Anotida Madzvamuse, University of Sussex, **UK**
13. Prof. Albina Danilova, London School of Economics, **UK**
14. Prof. Arne Lokka, London School of Economics, **UK**
15. Prof. Barbara Ruediger, University of Wuppertal, **Germany**
16. Dr. Amnon J. Meir, Auburn University, **USA**
17. Dr. Geraldo S. De Souza, Auburn University, **USA**
18. Dr. Michel Smith, Auburn University, **USA**
19. Dr. Ash Abebe, Auburn University, **USA**
20. Professor Agnes Sulem, INRIA, Paris-Recquoncourt, **FRANCE.**