SAMSA *e-bulletin*

Your newsletter promoting research and mentoring of academics in Southern Africa

SAMSA

Inside this issue:

Notices

- The 2015 SAMSA conference will be held in Namibia, Windhoek.

- SAMSA was again awarded CIMPA funding for the conference in Namibia 2015. The president would like to thank the executive for the collective team effort, Prof Giulia Di Nnuno and CIMPA for such great support.

Message from the Editorial Office

Dear SAMSA members and readers,

On behalf of the SAMSA Executive, I welcome you all to the second issue of the *SAMSA Newsletter 2015*. As highlighted in the first bulletin, the newsletter will be used for announcements, providing information about upcoming events and our conferences. There is a lot happening among SAMSA members and in our institutions that we need to share and update each other on. For this newsletter to keep flowing, it requires involvement of and participation by all SAMSA members. Therefore, I encourage each one of you to contribute articles and news items to the editorial team headed by the President. Let us share our success stories, challenges, let's say, anything of interest to SAMSA membership and readership of the Newsletter.

This second newsletter has a new man in-charge, and contains some important announcements for you. *Dr Faraimunashe Chirove* will now be in-charge of the Newsletter issues. I would like to thank him for agreeing to voluntarily commit himself to the newsletter.
SAMSA President
Prof. Farai Nyabadza

WELCOME TO SAMSA

The Executive committee of SAMSA would like to welcome 11 members from Kenya who responded to the presentation that was made by the SAMSA president at the 2nd Kenyatta International Conference held in Nairobi from 16th to 19 June 2015. SAMSA continues to expand its influence and for more information of the member benefits and SAMSA related issues, please visit our website, www.samsa-math.org

Membership offer

SAMSA is delighted offer you free membership for the year 2016 if you attend and pay the registration fees for the SAMSA 2015 conference in Windhoek Namibia. Member will the enjoy a discounted registration fee for the conference in Pretoria and subsequent conferences.
The SAMSA executive committee would like thank its members for the continued support through membership subscription. We hope this new development will enable you to enjoy many benefits as a SAMSA member.

2016 Joint Mathematics Meetings (JMM) , USA

A panel session organized by the SAMSA Masamu program will be held during the 2016 Joint Mathematics Meetings (JMM), the largest mathematics meeting in the world. The panel session entitled "International Engagement in Research and Education in Mathematical Sciences" is scheduled for January 9, 2016, 1:00-2:20p.m. At the Washington State Convention Center in Seattle, WA. The session will showcase international programs involving research and education in mathematics and will highlight the SAMSA Masamu Program as a featured program. The session is organized by Prof. Overtoun Jenda (Auburn University) and Prof. Suzanne Lenhart (University of Tennessee). Panelists include Prof. Neal Koblitz (University of Washington), Prof. Fred Roberts (Rutgers University), Prof. Yuan Lou (Ohio State University), and Prof. Herbert Clemens (Ohio State University). Details on the session can be found at the JMM websitehttp://jointmathematicsmeetings.org/.

MASAMU Program

The fifth annual Masamu Advanced Study Institute (MASI) and Workshops will be held November 21-29 at the University of Namibia in Windhoek, concurrently with the 2015 SAMSA conference. The focus areas of the 2015 MASI (Nov 21-26) and research workshop (Nov 27-29) will be Algebra, Analysis, Graph Theory, and Mathematical Modeling of Biological Systems. MASI involves focused research activities by teams comprised of students and faculty. The research teams continue to collaborate throughout the year and prepare research grant proposals, manuscripts, and conference presentations. In addition to the MASI and the research workshop, the Masamu program will conduct two workshops: the Career Development Workshop (Nov 27) and the Department Heads, Chairs, and Senior Research Scientists Workshop (Nov 27). SAMSA conference participants are encouraged to register for these workshops. For more information on the Masamu program including contact information, please visit the SAMSA website http://samsa-math.org/ and the Masamu program webite https://www.masamu.auburn.edu/.

The SAMSA 2015 conference arrangement are well in progress and trust me, this conference will be an epic one and please do not miss it. The Executive committee of SAMSA would like to thank the University of Namibia for the good work they have already started doing. To all who are preparing to participate in the conference we say,

MASI 2014 participants in Victoria Falls

Can you identify these regular participants of SAMSA, the year and place. Send your response to the editor *chirovef@gmail.com* mentioning the year, host and theme of the conference. You can get your surprise in Namibia

Advertising events through SAMSA

The SAMSA association has a mandate to improve the association and its membership visibility. SAMSA members are encouraged to market their research activities such as adverts for workshops, conferences, research networks and other relevant activities to the SAMSA membership. Such activities can be send to the organisation's Treasurer Dr Peter Mhone and/or president Prof Farai Nyabadza. The adverts will be send to the SAMSA list as well as being posted on the SAMSA website.

Call for news items

The editor invites SAMSA membership and their networks to send news items for publishing in the newsletter. News items includes, but not limited to, promotions, establishment of new research networks, meetings, workshops, conferences, scholarships, postgraduate programs, awards and any other opportunities that may of interest to our mathematics community. All news items must be forwarded to chirovef@gmail.com

SAMSA membership benefits

The committee would like to invite you to renew your membership for 2016 to ensure that you will get uninterrupted membership benefits for 2016. Detailed member benefit are found on the SAMSA membership at http://samsa-math.org/home/membership/membership-benefits/
To have an impact on the future vibrancy of our programs, the SAMSA association depends on the membership of sc like you. We definitely cannot be effective without a large, active and engaged membership.

Exhibition at SAMSA conferences

SAMSA promotes institutions to showcase their products and programs during its meetings through exhibitions for a normal fee.of only USD 300. This in turn improves the visibility of the member and international institutions. Information regarding the exhibition fees can be obtained from the SAMSA president nyabadzaf@sun.ac.za or treasurer mkgosi@bca.ac.za

SAMSA MEMBERSHIP EVENTS 2015

The growth of SAMSA membership and expertise has seen some of its membership organising successful events and sharing their expertise with upcoming mathematicians. We share in brief some of the events:

Joint workshop on stochastic epidemic modelling and pseudo-spectral methods for solutions of PDEs—University of KwaZulu-Natal, 6—10 July 2015.

The School of Mathematics, Statistics & Computer Science at University of KwaZulu-Natal PMB campus hosted a joint workshop on stochastic epidemic modelling and pseudo-spectral methods for solutions of PDEs. The workshop was organised by three of the SAMSA members namely Dr F. Chirove, Professor S. S. Motsa and Professor P. Sibanda. The workshop drew postgraduate students from Southern Africa and two international experts in stochastic epidemic modelling; Professors Linda and Edward Allen were invited from the United States to facilitate. Among the facilitators was the

SAMSA president Professor F. Nyabadza and the vice president Professor Motsa. The workshop introduced participants to current trends in modelling infectious diseases and efficient methods in solving nonlinear PDEs

2nd International Mathematics Conference

The second international mathematics conference organised by SAMSA members, Dr Dabid Malonza and Dr Winfred Mutuku, took place from 16th to 19th June 2015. SAMSA wishes to congratulate the organisers. The SAMSA president was invited as a keynote speaker at the conference. SAMSA is also delighted that 11 members joined SAMSA at this conference. Delegates at the conference are pictured right.

New man on the block

Lets all congratulate our new man on the block Dr. Enock Koga, a lecturer at the University of Namibia. Enock defended his PhD on the 27th of August ate the University of Botswana. Enock was supervised by Prof Edward Lungu and his external examiner was Maia Martcheva from University of Florida in the USA. The SAMSA president was one of the

AWMA, NAIVASHA July 2015

AWMA, the Association of Women Mathematicians in Africa, invited the SAMSA president to present on women participation in Mathematics in SAMSA and possible collaborations with other African regions. It was an honour to be part of this amazing conference which was organised by the Kenyan Women Mathematics Association, under the leadership of Dr Josephine Wairimu and Dr Winifred Mutuku and other leaders. The formation of national associations for women mathematicians within member countries was viewed as a way to encourage women participation in mathematics. Many of the talks focused on the girl child and the establishment of role models.

The SAMSA executive is therefore encouraging women mathematicians in the SADC region to consider establishing associations that champion the cause and advancement of women mathematicians.

Dr. Enock Koga & Prof. Nyabadza

AWMA Conference participants, Naivasha, Kenya