

TIME	24-Nov-14															
07:00-08:30	Registration															
08:30-08:40	Welcoming-LOC Chair															
08:40-08:45	General Information (Hotel Rep)															
08-45-09:00	Introduction-SAMSA President															
09:00-09:20	SAMSA Patron															
09:20-09:40	Opening...Vice Chancellor-Lindela Ndlovu															
09:40-10:20	Keynote Lecture-Prof. Heneri Dzinotyiweyi.....(Chair: Professor Lungu) Mathematicians in Development: The Challenges Ahead															
10:20-10:30	Tea/coffee															
10:30-11:10	Keynote Lecture-..... Prof. Overtoun Jenda (Chair:Prof. Freddy Delbaen) SAMSA Masamu Advanced Study Institute and the Collaborative Research Network															
11:10-11:50	Keynote Lecture-Prof. Peter Johnson (Chair: Prof. Suzanne Lenhart) The Secure-Domination Ratio in Toroidal, Cylindrical, and Ordinary Grids															
	VENUE	CHAIR	SPEAKER	FIELD	VENUE	CHAIR	SPEAKER	FIELD	VENUE	CHAIR	SPEAKER	FIELD	VENUE	CHAIR	SPEAKER	FIELD
12:00-12:20	Pagota room	Kgosimore	Kaondera-Shava R.	BIO	Kazuma room	Mhone	Batogna R. G.	NUM	Matetsi room	Chikunji	Woldeamanuel S	TOP	Kalula Room	Makasu C.	Mataramvura S	FIN
12:20-12:40			Levy B.	BIO			Jain P. K.	FLU			Maphane O	TOP			Chikodzwa E	FIN
12:40-13:00			Ochoche J.	BIO			Rundora	FLU			Kaunda L.	ALG			Mhlanga F.J.	FIN
13:00-14:00	LUNCH															
14:00-14:40	Keynote Lecture-Prof. Freddy Delbaen.....(Chair:Prof. Kevin Phelps) Monetary utility functions with convex level sets.															
14:40-15:20	Keynote Lecture-Prof. Sandile Motsa.....(Chair:Prof. Nunno) Recent advances in spectral collocation based methods for solving PDEs with fluid mechanics applications															
15:20-15:30	Tea/coffee															
	VENUE	CHAIR	SPEAKER	FIELD	VENUE	CHAIR	SPEAKER	FIELD	VENUE	CHAIR	SPEAKER	FIELD	VENUE	CHAIR	SPEAKER	FIELD
15:30-15:50	Pagota room	Koga E.	Al-Asuoad N.	BIO	Kazuma room	Jain	Chinyoka T.	FLU	Matetsi room	Chamera	Chikunji C. J.	ALG	Kalula Room	Mhlanga F. J.	Matenda	FIN
15:50-16:10			Laurie H.	BIO			Gavhi M. R.	NUM			Molati M	DIF			Chinhamu K.	FIN
16:10-16:30			Odhiambo	BIO			Animasaun L. I.	FLU			Chamera F.	GRA			Lekoko S.	FIN
16:30-16:50							Kasoka D.	EDU			Wabomba	TOP			Batidzirai	FIN
16:50-17:10																
17:10-17:30																
17:30-17:50																
17:50-18:10																
18:00-19:00	Break															
19:00-22:00	Vice Chancellor's Cocktail-Professor Lindela Ndlovu															

FIELDS

ALG	ABSTRACT ALGEBRA & GROUP THEORY	
BIO	BIO-MATHEMATICS& BIostatISTICS	
DIF	ENTIAL EQUATIONS	
EDU	EMATICS EDUCATION	

EXA	ANALYTICAL SOLUTIONS
FIN	MATHEMATICS OF FINANCE
FLU	FLUID MECHANICS
GRA	GRAPH THEORY

NUM	NUMERICAL ALGORITHMS & METHODS
OPT	OPTIMIZATION
SOL,STA	SOLID MECHANICS, MATHEMATICAL STATISTICS
TOP	TOPOLOGY AND ANALYSIS

TIME	25-Nov-14															
08:00-08:40	Keynote Lecture-Prof. Nedret Billor.....(Chair:Prof Jean-Baptiste Gatsinzi) <b>Recent Developments in Functional Data Analysis</b>															
08:40-09:20	Keynote Lecture-Prof Jean-Baptiste Gatsinzi.....(Chair:Prof. Ryan) Hochschild cohomology; Sullivan algebra; Derivation; Gerstenhaber algebra															
09:20-10:00	Keynote Lecture-Prof. Suzanne Lenhart.....(Chair: Professor Nyabadza) Modeling of John's Disease in Dairy Cattle															
10:00-10:10	Tea/coffee															
10:10-10:50	Keynote Lecture-Prof. Giulia Di Nunno.....(Chair: Dr. Erkan Nane ) A continuous auction model with insiders and information release															
	VENUE	CHAIR	SPEAKER	FIELD	VENUE	CHAIR	SPEAKER	FIELD	VENUE	CHAIR	SPEAKER	FIELD	VENUE	CHAIR	SPEAKER	FIELD
11:00-11:20	Pagota room	Chirove	Pazvakavambwa L.	BIO	Kazuma room	Batogna	Muthoni L.	NUM	Matetsi room	Mutangadura	Schmitt	ALG	Kalula Room	Makasu	Socgnia V	FIN
11:20-11:40			Kgosimore	BIO			Pedro J.	FLU			Hailu	ALG			Moalosi K	FIN
11:40-12:00			Madubueze C. E.	BIO			Makukula Z.	NUM			Emenyu	TOP			Chifurira V	STA
12:00-12:20			Takaidza	BIO			Mokgolele M.	NUM			Odour S. M	ALG			Mandiudza M	FIN
12:25-13:05	Keynote Lecture-Prof. Farai Nyabadza.....(Chair:Dr. Furuzan Ozbek ) A systems approach to modelling substance abuse related problems															
13:05-14:10	LUNCH															
	VENUE	CHAIR	SPEAKER	FIELD	VENUE	CHAIR	SPEAKER	FIELD	VENUE	CHAIR	SPEAKER	FIELD	VENUE	CHAIR	SPEAKER	FIELD
14:10-14:30	Pagota room	Chiduku	Chirove	BIO	Kazuma room	Pedro	Mhone P.	FLU	Matetsi room	Emenyu	Otafudu	TOP	Kalula Room	Socgnia	Bakare	OPT
14:30-14:50			Maliyoni	BIO			Mwadzaangati	EDU			Kumwenda K.	GRA				
14:50-15:10			Chazuka Z.	BIO			Chapwanya M.	NUM								
15:10-15:30	Tea/coffee															
15:30-15:50									Matetsi room	Odour	Wabomba	TOP				
15:50-16:20											Mushaandja	ALG				
17:00-19:00	BOAT CRUISE (OPTIONAL)															

**FIELDS**

<b>ALG</b>	ABSTRACT ALGEBRA & GROUP THEORY
<b>BIO</b>	BIO-MATHEMATICS& BIOSTATISTICS
<b>DIF</b>	DIFFERENTIAL EQUATIONS
<b>EDU</b>	MATHEMATICS EDUCATION

<b>EXA</b>	ANALYTICAL SOLUTIONS
<b>FIN</b>	MATHEMATICS OF FINANCE
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<b>GRA</b>	GRAPH THEORY

<b>NUM</b>	NUMERICAL ALGORITHMS & METHODS
<b>OPT</b>	OPTIMIZATION
<b>SOL,STA</b>	SOLID MECHANICS, MATHEMATICAL STATISTICS
<b>TOP</b>	TOPOLOGY AND ANALYSIS

TIME	26-Nov-14															
08:00-08:40	Keynote Lecture-Prof. Kevin Phelps.....(Chair:Prof. Ash Abebe) Mathematical Coding Theory: Perfect Codes and related structures															
08:40-09:20	Keynote Lecture-Dr. Erkan Nane .....(Chair:Prof. Peter Imkeller) Intermittence and time fractional stochastic partial differential equations															
09:20-10:00	Keynote Lecture- Prof. Edward Lungu .....(Chair:Prof. Overtoun Jenda) A mathematical model for the transplacental transmission of p. falciparum malaria in pregnant mothers.															
10:00-10:10	Tea/coffee															
	VENUE	CHAIR	SPEAKER	FIELD	VENUE	CHAIR	SPEAKER	FIELD	VENUE	CHAIR	SPEAKER	FIELD	VENUE	CHAIR	SPEAKER	FIELD
10:10-10:30	Pagota room	Chirove	Hove-Musekwa S	BIO	Kazuma room	Mhone	Eneya L.	OPT	Matetsi room	Swart	TUFA A.	TOP	Kalula Room	Rajaratnam	Makasu C	FIN
10:30-10:50			Koga E.	BIO			Musukwa A	ALG			Ozbek F.	ALG			Chaba	STA
10:50-11:10			Nemaaura T.	BIO			Shateyi S.	NUM			Sawerengera P.	ALG			Schneid B.	ALG
11:10-11:30		Takaizda	Lephodisa B.	BIO		Sibanda P.	FLU	Mothibi		DIF	Moyo I	FIN				
11:30-11:50			Showa S. P.	BIO		Mutuku W	FLU	Khalique C.		DIF	Nawa	STA				
11:50-12:10			Sinkala W.***	BIO		Mhone	FLU	Magamba K.		ALG	Mupondo C	STA				
12:10-12:30						Adem S. R.	DIF	Swart		TOP	Mwembe	STA				
12:30-12:50						Shateyi	Muzhinji K.***	NUM		Mutangadura	TOP	Muthoni L.		FIN		
12:50-13:10							Simelane***	FLU		Muatjetjeja	DIF	Rajaratnam		FIN		
13:10-14:10			LUNCH													
14:10-14:50	Keynote Lecture-Prof. Bernt Øksendal.....(Chair:Prof. Knut Aase) Malliavin calculus and optimal control of stochastic Volterra equations, with applications to financial markets with memory.															
	VENUE	CHAIR	SPEAKER	FIELD	VENUE	CHAIR	SPEAKER	FIELD	VENUE	CHAIR	SPEAKER	FIELD	VENUE	CHAIR	SPEAKER	FIELD
15:00-15:20									Matetsi room	Chimkono	Mhlanga I. E.	DIF	Kalula Room	Moyo	Baraedi o***	FIN
15:20-15:40															Matarise F***	STA
15:40-15:50	Tea/coffee															
15:50-17:00	EXHIBIT (MATETSI ROOM) AUBURN UNIVERSITY MASAMU NATIONAL UNIVERSITY OF SCIENCE & TECHNOLOGY SAMSA															
17:00-19:00	AGM															
19:00-22:00	Prof. Neal Koblitz-Developing mathematics in the Third World ( Chair : Professor Lungu) Conference Dinner Presentation of Kovalevskaia Research Awards for Female Mathematicians - Prof. Neal Koblitz (Chair:Dr Eneya)															

FIELDS \*\*\*----Delegate must inform LOC that they are present

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TOP	TOPOLOGY AND ANALYSIS

TIME	27-Nov-14															
08:00-08:40	Keynote Lecture-Professor John Ryan.....(Chair:Prof. Shateyi) , (Kalala room) A new technique to extend the power of Cauchy-Frobenius Theory															
08:40-09:20	Keynote Lecture-Prof. Peter Imkeller.....(Chair: Prof. Peter Johnson) (Kalala room) A Fourier analysis based approach of (stochastic) integration															
09:20-10:00	Keynote Lecture-Prof. Farai Nyabadza.....(Chair:Dr. Furuzan Ozbek ) (Kalala room) A systems approach to modelling substance abuse related problems															
10:00-10:20	Tea/coffee															
	VENUE	CHAIR	SPEAKER	FIELD	VENUE	CHAIR	SPEAKER	FIELD	VENUE	CHAIR	SPEAKER	FIELD	VENUE	CHAIR	SPEAKER	FIELD
10:20-10:40	Pagota room	Nemaaura	Gashirayi T. B.	BIO	Kazuma room	Adem			Matetsi room	Robdera	Maloko M	TOP	Kalala room	Mupondo	Offen	FIN
10:40-11:00			Nampala H.	BIO			Magamba K.***	ALG			Makoni***	STA				
11:00-11:20																
11:00-11:20																
11:30-12:30	EARLY LUNCH BREAK															
12:30-15:00	DRIVE TO HWANGE															
15:00-18:30	GAME VIEWING															
18:30-21:00	DINNER AT THE PARK															

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TIME	28-Nov-14															
09:00-09:40	Keynote Lecture-Prof. Ash Abebe.....(Chair:-Prof. Freddy Delbaen) (Kalundu Room 4th Floor)															
	Nonparametric Max-Central Classification and Feature Selection															
09:40-10:00	Tea/coffee															
	VENUE	CHAIR	SPEAKER	FIELD	VENUE	CHAIR	SPEAKER	FIELD	VENUE	CHAIR	SPEAKER	FIELD	VENUE	CHAIR	SPEAKER	FIELD
10:00-10:20									Matetsi room	Muatjetjeja	Chisala B. P.	ALG	Kalundu room	Mupondo	Doctor O	FIN
10:20-10:40											Magamba K.***	ALG			Makoni***	STA
10:40-11:00											Jena*** J.	DIF			Ikpe D***	FIN
11:00-12:00	Workshop (Departmental Chairs) (Kalundu room)								Workshop (Student Development) (Matetsi Room)							
12:00-12:30	Closing Ceremony															
12:30-14:00	LUNCH															
14:00-17:00	RAINFOREST VISIT (OPTIONAL)															

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