

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 Dzinotiyewyi.....(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	Kgosimore	Kaondera-Shava R.	BIO	Kazuma	Mhone	Batogna R. G.	NUM	Matetsi	Chikunji	Woldeamanuel S	TOP	Kalala Room	Makasu C.	Mataramvura S	FIN
12:20-12:40			Levy B.	BIO			Jain P. K.	FLU			Maphane O	TOP			Chikodza E	FIN
12:40-13:00			Ochoche J.	BIO			Rundora	FIU			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	Koga E.	Al-Asuoad N.	BIO	Kazuma	Jain	Chinyoka T.	FLU	Matetsi	Chamera	Chikunji C. J.	ALG	Kalala 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			Odhambo	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							Kazima M	EDU			Fatima A	ALG			Cirima	FIN
17:10-17:30							Mamba F.	EDU			Chamera F.	GRA			Ziveyi J	FIN
17:30-17:50							Magodora	EDU			Mutangadura	TOP				
17:50-18:10											Robdera	DIF				
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) Recent Developments in Functional Data Analysis															
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	Chirove	Pazvakavambwa L.	BIO	Kazuma	Batogna	Muthoni L.	NUM	Matetsi	Odour	Schmitt	ALG	Kalundu Room	Makasu	Hailu H	FIN
11:20-11:40			Kgosimore	BIO			Pedro J.	FLU			Hailu	ALG			Socgnia V	FIN
11:40-12:00			Madubueze C. E.	BIO			Makukula Z.	NUM			Emenyu	TOP			Moalosi K	FIN
12:00-12:20			Takaidza	BIO			Mokgolele M.	NUM			Odour S. M	ALG			Chipumuro 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															
14:10-14:50	Keynote Lecture-Prof. Knut Aase.....(Chair: Prof. Sandile Motsa) The single auction equilibrium of Kyle's A continuous auction model with insiders and information release															
14:50-15:00	Tea/coffee															
	VENUE	CHAIR	SPEAKER	FIELD	VENUE	CHAIR	SPEAKER	FIELD	VENUE	CHAIR	SPEAKER	FIELD	VENUE	CHAIR	SPEAKER	FIELD
15:00-15:20	Pagota	Chiduku	Chirove	BIO	Kazuma	Pedro	Mhone P.	FIU	Matetsi	Schmitt	Otafudu	TOP	Kalundu Room	Socgnia	Chifurira V	STA
15:20-15:40			Maliyoni	BIO			Mwadzaangati	EDU			Kumwenda K.	GRA			Mwembe	STA
15:40-16:00			Chazuka Z.	BIO							Chimkono T. C.	ALG			Mandiudza M	FIN
16:00-16:20											Chapwanya M.	DIF			Bakare	OPT
16:20-16:40											Wabomba	TOP				
16:40-17:00						Mushaandja	ALG									
17:00-19:00	BOAT CRUISE (OPTIONAL)															

FIELDS

ALG	ABSTRACT ALGEBRA & GROUP THEORY
BIO	BIO-MATHEMATICS& BIOSTATISTICS
DIF	DIFFERENTIAL EQUATIONS
EDU	MATHEMATICS EDUCATION

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FLU	FLUID MECHANICS
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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															
10:10-10:20	VENUE	CHAIR	SPEAKER	FIELD	VENUE	CHAIR	SPEAKER	FIELD	VENUE	CHAIR	SPEAKER	FIELD	VENUE	CHAIR	SPEAKER	FIELD
10:20-10:40	Pagota	Chirove	Hove-Musekwa S	BIO	Kazuma	Shateyi	Eneya L.	OPT	Matetsi	Swart	TUFA A.	TOP	Kalula Room	Moyo	Makasu C	FIN
10:40-11:00			Koga E.	BIO			Musukwa A	ALG			Ozbek F.	ALG			Chaba	STA
11:00-11:20			Lephodisa B.	BIO			Schneid B.	ALG			Sawerengera P.	ALG			Baraedi o	FIN
11:20-11:40		Takaidza	Nemaaura T.	BIO		Walakira D. D.	FLU	Omeike		DIF	Mupondo C	STA				
11:40-12:00			Sinkala W.	BIO		Muzhinji K.	NUM	Mothibi		DIF	Moyo I	FIN				
12:00-12:20			Nampala H.	BIO		Simelane	FLU	Khalique C.		ALG	Matarise F	STA				
12:20-12:40		Gashirai	Chiduku N.	BIO		Shateyi S.	NUM	Aziz T.		DIF	Nawa	STA				
12:40-13:00						Sibandana P.	FLU	Magamba K.		ALG						
13:00-14:00						Mutuku W	FLU	Swart		TOP						
14:00-14:40		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.														
14:45-15:05	VENUE	CHAIR	SPEAKER	FIELD	VENUE	CHAIR	SPEAKER	FIELD	VENUE	CHAIR	SPEAKER	FIELD	VENUE	CHAIR	SPEAKER	FIELD
15:05-15:25	Pagota	Lephodisa	Showa S. P.	BIO	Kazuma	Mutangadura	Adem S. R.	DIF	Matetsi	Robdera	Mumba N.	GRA	Kalula Room	Mupondo	Chagwiza	FIN
15:25-15:35												Muatjetjeja			DIF	Rajaratnam
15:35-15:55	Tea/coffee															
15:55-16:15										Khalique	Mhlanga I. E.	ALG		Ziveyi	Mawonike	STA
16:15-17:00	Break															
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)															

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TIME	27-Nov-14
08:00-08:40	Keynote Lecture-Professor John Ryan.....(Chair:Prof. Sandile Motsa) A new technique to extend the power of Cauchy-Frobenius Theory
08:40-09:20	Keynote Lecture-Prof. Peter Imkeller.....(Chair: Prof. Peter Johnson) A Fourier analysis based approach of (stochastic) integration
09:20-10:20	Workshop (Departmental Chairs)
10:20-10:30	Tea/coffee
10:30-11:30	Workshop (Student Development)
11:30-12:00	BREAK (Packed Lunch)
12:00-15:00	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)																						
	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	Pagota		Gashirayi T. B.	BIO	Kazuma	Adem			Chimukono		Chisala B. P.	ALG	Kalula	Mutasa	Doctor O	FIN							
10:20-10:40															Ma1oko M	Top	Makoni	STA					
10:40-11:00																							
11:00-11:20															Aziz T								
11:20-11:40																		Robdera	DIF				
12:00-13:00	VOTE OF THANKS-.....(Chair).....																						
13:00-14:00	LUNCH																						
RAINFOREST VISIT (OPTIONAL)																							

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