

TIME	24-Nov-14															
08:00-09:00	Registration															
09:00-09:10	Welcoming-LOC Chair															
09:10-09:20	Introduction.....															
09:20-09:40	Opening...Vice Chancellor-Professor 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	1	Kgosimore	Kaondera-Shava R.	BIO	2	Chinyoka	Batogna R. G.	NUM	3	Chikunji	Woldeamanuel S	TOP	4	Bodhlyera o	Mataramvura S	FIN
12:20-12:40			Levy B.	BIO			Jain P. K.	FLU			Maphane O	TOP			Hailu	STA
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	1	Nampala H.	Al-Asuoad N.	BIO	2	Mhone	Chinyoka T.	FLU	3	Chamera	Chikunji C. J.	ALG	4	Mhlanga F. J.	Bodhlyera o	STA
15:50-16:10			Laurie H.	BIO			Ghavi 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																
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		Chirove	Pazvakavambwa L.	BIO	2	Batogna	Muthoni L.	NUM	3	Odour	Schmitt	ALG	4	Makasu	HAILU H	FIN
11:20-11:40			Kgosimore	BIO			Pedro J.	FLU			Chapwanya M.	DIF			Socgnia V	FIN
11:40-12:00			Madubueze C. E.	BIO			Makukula Z.	NUM			Emenyu	TOP			Moalosi K	FIN
12:00-12:20			Mwadzaangati L.	EDU							Odour S. M	ALG			Nyamugure P	STA
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		Chiduku	Chirove	BIO	2	Pedro	Mhone P.	FIU	3	Schmitt	Mutuku W	DIF	4	Socgnia	Chifurira V	STA
15:20-15:40			Takaidza	BIO			Mokgolele M.	NUM			Otafudu	TOP			Mwembe	STA
15:40-16:00			Malunguza	BIO			Mpendulo M.	NUM			Kumwenda K.	GRA			Mandiudza M	FIN
16:00-16:20											Nyambuya G	ALG			Bakare	OPT
17:00-19:00	BOAT CRUISE (OPTIONAL)															

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ALG	ABSTRACT ALGEBRA & GROUP THEORY
BIO	BIO-MATHEMATICS& BIostatISTICS
DIF	DIFFERENTIAL EQUATIONS
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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	1	Chirove	Hove-Musekwa	BIO	2	Shateyi	Eneya L.	OPT	3	Swart	TUFA A.	TOP	4	Moyo	Makasu C	FIN
10:40-11:00			Koga E.	BIO			Musukwa A	ALG			Ozbek F.	ALG			Ziveyi J	FIN
11:00-11:20			Lephodisa B.	BIO			Schneid B.	ALG			Sawerengera P.	ALG			Baraedi o	FIN
11:20-11:40		Takaidza	Nemaaura T.	BIO		Adem	Walakira D. D.	FLU		Omeike	DIF	Rajaratnam		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		Nemaaura	Chiduku N.	BIO		Walakira	Shateyi S.	NUM		Aziz T.	DIF	Baraedi		Nawa	STA	
12:40-13:00			Dlamini M.	BIO			Mutangadura	NUM		Magamba K.	ALG			Mutasa	STA	
13:00-14:00			Musizvingoza R.	BIO			Sibanda P.	FLU		Swart	TOP					
13:00-14:00		LUNCH														
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		Lephodisa	Showa S. P.	BIO	2	Mutangadura	Adem S. R.	DIF	3	Robdera	Mumba N.	GRA	4	Muondo	Chagwiza	FIN
15:25-15:35	Tea/coffee															
15:35-15:55										Khalique	Muatjetjeja	DIF		Ziveyi	Mawonike	STA
15:55-16:15											Mhlanga I. E.	ALG			Ikpe D	FIN
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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<b>TIME</b>	<b>27-Nov-14</b>
<b>08:00-08:40</b>	<b>Keynote Lecture-Professor John Ryan.....(Chair:Prof. Sandile Motsa)</b> A new technique to extend the power of Cauchy-Frobenius Theory
<b>08:40-09:20</b>	<b>Keynote Lecture-Prof. Peter Imkeller.....(Chair: Prof. Peter Johnson)</b> A Fourier analysis based approach of (stochastic) integration
<b>09:20-10:20</b>	<b>Workshop (Departmental Chairs)</b>
<b>10:20-10:30</b>	Tea/coffee
<b>10:30-11:30</b>	Workshop (Student Development)
<b>11:30-12:00</b>	<b>BREAK (Packed Lunch)</b>
<b>12:00-15:00</b>	<b>DRIVE TO HWANGE</b>
<b>15:00-18:30</b>	<b>GAME VIEWING</b>
<b>18:30-21:00</b>	<b>DINNER AT THE PARK</b>

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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	1		Gashirayi T. B.	BIO	2	Adem			3	Chimukono	Chisala B. P.	ALG	4	Mutasa	Doctor O	FIN	
10:20-10:40			Chazuka Z.	BIO							Maloko M	Top			Chikodza E	FIN	
10:40-11:00											Magamba K.	ALG				Makoni	STA
11:00-11:20											Robdera	DIF				Chipumuro M	FIN
11:20-11:40											Gavhi	NUM					
12:00-13:00	VOTE OF THANKS-.....(Chair).....																
13:00-14:00	LUNCH																
RAINFOREST VISIT (OPTIONAL)																	

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