

Monday November 25th 2013 - SAMSA2013 Programme

Time	Event															
08:00 - 09:00	Registration - Mathematics Department Foyer															
09:00 - 09:10	Welcoming - LOC Chair - 1005															
09:10 - 09:20	Introduction - Stellenbosch University Science Faculty Leadership - 1005															
09:20 - 09:40	Opening - Vice Chancellor - 1005															
09:40 - 10:30	Keynote Lecture - Overton Jenda - 1005 (Chair: Bernt Oksendal) SAMSA Masamu Advanced Study Institute and the Collaborative Research Network															
10:30 - 10:50	Tea/Coffee - Foyer															
10:50 - 11:40	Keynote Lecture - Bernt Oksendal - 1005 (Chair: Overton Jenda) Model Uncertainty and Robust Duality in Finance															
	Venue	Chair	Speaker	Field	Venue	Chair	Speaker	Field	Venue	Chair	Speaker	Field	Venue	Chair	Speaker	Field
11:45 - 12:10	1005	Kgosimore	S Simelane	BIO	3001	Sinkala	R Tshelametse	NUM	1006	Robdera	K Magamba (17)	ALG	1006A	Uboe	M Nansubuga	FIN
12:10 - 12:35			EM Mwahi	BIO			M Hossemi	NUM			K Bragan	GRA			K Aase	FIN
12:35 - 13:00			JHB Njagarah	BIO			K Muzhinji	NUM			P Johnson	GRA			O Doctor	FIN
13:00 - 14:10	Lunch															
14:10 - 15:00	Keynote Lecture - M Hintermueller - 1005 (Chair: Daniel Makinde) Total variation based regularisation in Image restroration; Fast solvers, spacially Regularisation and sparsity enhancing quasi-Norm regularisation															
15:00 - 15:15	Tea/Coffee - Foyer															
	Venue	Chair	Speaker	Field	Venue	Chair	Speaker	Field	Venue	Chair	Speaker	Field	Venue	Chair	Speaker	Field
15:15 - 15:40	1005	Njagarah	M Kgosimore	BIO	3001	Chinyoka	RB Sidje	NUM	1006	Gonçalves	Zhijian Wu	TOP	1006A	Aase	MMG Leboko	FIN
15:40 - 16:05			I Neema	BIO			VM Nawa	NUM			G Apfel	TOP			J Mumderanji	EDU
16:05 - 16:30			F Chirove	BIO			DD Walakira*	FLU			K Muzundu	TOP			A Joseph	FIN
16:30 - 16:55			BT Bekele	BIO											M Lekhutlile	STA
16:55 - 18:00	Break															
18:00 - 21:00	Cocktail Function - University of Stellenbosch															

Fields

ALG	Abstract Algebra & Group Theory
BIO	Bio-mathematics & Bio-statistics
DIF	Differential Equations
EDU	Mathematics Education

EXA	Analytical solutions
FIN	Mathematical & Mathematics of Finance
FLU	Fluid Mechanics
GRA	Graph Theory

NUM	Numerical Algorithms & Numerical Methods
OPT	Optimization
SOL, STA	Solid Mechanics, Mathematical Statistics
TOP	Topology & Analysis

Tuesday November 26th 2013 - SAMSA2013 Programme

Time	Event															
08:00 - 08:50	Keynote Lecture - Barry Green - 1005 (Chair: Ash Abebe) Three Gems from the Arithmetic of Fields															
08:50 - 09:40	Keynote Lecture - Ash Abebe - 1005 (Chair: Barry Green) Robust Estimation of Regression Model Parameters with Applications															
09:40 - 10:00	Tea/Coffee - Foyer															
	Venue	Chair	Speaker	Field	Venue	Chair	Speaker	Field	Venue	Chair	Speaker	Field	Venue	Chair	Speaker	Field
10:00 - 10:25	1005	Pedro	JRM King	BIO	3001	Muzhinji	M Mokgolele	NUM	1006	Bragan	M Boguslav	ALG	1006A	Makasu	MK Mwale	FIN
10:25 - 10:50			M Mazinu	BIO			A Tsandzana	FLU			C Jones	GRA			E Mwakilama	OPT
10:50 - 11:15			E Koga	BIO			PY Mhone	SOL			W Sakala	ALG			FJ Mhlanga	FIN
11:15 - 11:40			PJ Witbooi	BIO			JC Pedro	NUM			AS Bamunoba	ALG			F Rakotondrajao	STA
11:40 - 12:05			H Laurie	BIO					AI Musukwa	ALG					GP Nthoiwa*	STA
12:05 - 14:00	Lunch															
14:10 - 15:00	Keynote Lecture - Oluwole Daniel Makinde - 1005 (Chair: M Hintermueller) MHD Nanofluid Bioconvection due to Gyrotactic microorganisms of over a permeable verical plate															
15:00 - 15:15	Tea/Coffee - Foyer															
	Venue	Chair	Speaker	Field	Venue	Chair	Speaker	Field	Venue	Chair	Speaker	Field	Venue	Chair	Speaker	Field
15:15 - 15:40	1005	Witbooi	S Mukosa	BIO	3001	Mhone	M Mangwiro	FLU	1006	Apfel	TC Razafindramahatsioro	ALG	1006A	Kufakunesu	A Pious	FIN
15:40 - 16:05			NJ Malunguza	BIO			S Motsa	NUM			R Ngambi	ALG			DC Ikpe	FIN
16:05 - 16:30			SA Pedro	BIO			T Chinyoka (118)	FLU			AL Prins	ALG			J Uboe	FIN
16:30 - 18:00	Travel to Neethlingshof Estate + Wine tasting															
18:00 - 21:00	Conference Dinner - The Lord Neethlingshof Restaurant															

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Wednesday November 27th 2013 - SAMSA2013 Programme

Time	Event															
08:50 - 09:40	Keynote Lecture - Hans-Peter Kunzi - LT1 (Chair: Edward Lungu) The directed span of a T_0 quasi metric space															
09:40 - 10:30	Keynote Lecture - Edward Lungu - LT1 (Chair: Hans-Peter Kunzi) A stochastic model for in-host malaria parasite infection of red blood cells.															
10:30 - 11:00	Tea/Coffee - Foyer															
	Venue	Chair	Speaker	Field	Venue	Chair	Speaker	Field	Venue	Chair	Speaker	Field	Venue	Chair	Speaker	Field
11:10 - 11:35	1005	Nyabadza	N Chiduku	BIO	3001	Motsa	H Jafari	NUM	1006	Wu	MA Robdera	TOP	1006A	FJ Mhlanga	R Kufakunesu	FIN
11:35 - 12:00			H Nampala	BIO			A Amikiya	FLU			I Gonçaves	TOP			D Wilcox	FIN
12:00 - 12:25			TM Kaombe	BIO			Z Makukula	FLU			T Bier	TOP			GC Cadogan	FIN
12:25 - 12:50			M Maliyoni*	BIO			C Sam	NUM			P Moile	TOP			PO Chisara	FIN
13:00 - 14:00	Lunch															
14:30 - 18:00	Trip to (and Tour of) the University of Cape Town - Trip to the University of Western Cape															
18:00 - 21:00	Cocktail Function - University of Western Cape															

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Thursday November 28th 2013 - SAMSA2013 Programme

Time	Event															
08:40 - 09:30	Keynote Lecture - Gulia Di Nunno - 1005 (Chair: Michalis Zervos) Quadratic Hedging via Backward Stochastic Differential Equations with Jumps															
09:30 - 10:20	Keynote Lecture - Eunice Mphako Banda - 1005 (Chair: Gulia Di Nunno) Some Applications of Graph Theory in Knot Theory															
10:20 - 10:35	Tea/Coffee - Foyer															
	Venue	Chair	Speaker	Field	Venue	Chair	Speaker	Field	Venue	Chair	Speaker	Field	Venue	Chair	Speaker	Field
10:40 - 11:05	1005	Nampala	L Pazvakawambwa*	BIO	3001	Makukula	M Marais	NUM	1006	Chun	CM Khalique	EXA	1006A	Wicox	S Mataramvura	FIN
11:05 - 11:30			AAO Otieno*	BIO			PJ Udoh*	SOL			G Magalakwe	EXA			HAL Hassan	FIN
11:30 - 11:55			AK Iddrisu*	BIO			T Chinyoka (132)	NUM			IE Mhlanga	EXA			K Moalosi	FIN
12:00 - 13:30	Lunch															
13:30 - 18:00	Peninsula Tour - Trip back to Cape Peninsula University of Technology															
18:00 - 21:00	Cocktail Function - Cape Peninsula University of Technology															

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Friday November 29th 2013 - SAMSA2013 Programme

Time	Event															
					Venue	Chair	Speaker	Field								
08:00 - 08:25					1006	Erwin	J Barnett	GRA								
08:25 - 08:50							NB Mumba	GRA								
08:50 - 09:15							B Fain	ALG								
09:15 - 09:40							K Magamba (46)	ALG								
09:50 - 10:40	Keynote Lecture - Daya Reddy - 1005 (Chair: Eunice Mphako Banda) Finite Element Approximations in Solid and Fluid Mechanics															
10:40 - 11:00	Tea/Coffee - Foyer															
	Venue	Chair	Speaker	Field	Venue	Chair	Speaker	Field	Venue	Chair	Speaker	Field	Venue	Chair	Speaker	Field
11:00 - 11:25	1005	Koga	VT Chikwapulo*	BIO	3001	Tshelametse	OA Adesina	DIF	1006	Magamba	RL Monaledi	ALG	1006A	Joseph	A Blumenthal	OPT
11:25 - 11:50			R Chamboko*	BIO			W Sinkala	DIF			R Matzke	GRA			M Zervos	FIN
11:50 - 12:15			WI Wangari*	BIO			M Molati	EXA			M DeVilbiss	GRA			C Makasu	FIN
12:15 - 12:40			Z Chazuka*	BIO			S Chun	EXA			DJ Erwin	GRA			O Baraedi	FIN
12:40 - 13:00	Closing - 1005															
13:00 - 14:00	Lunch & Departure															

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