

SANUM conference 27-29 March 2019
University of Pretoria

Wednesday 27 March 2019	
8:00-8:45	<i>Registration, Tea and Coffee (Botany 2-20 & Atrium)</i>
8:45-9:00	Opening (Maths 2-1)
9:00-10:00	(Maths 2-1) Plenary Talk: Prof N Sauer <i>How sound is our accoustics?</i> <i>Chair: M Labuschagne</i>
10:00-10:30	<i>Tea Break (Atrium)</i>
	(Maths 2-1) Parallel Sessions (Botany 2-23)
	Chair: M Chapwanya Special session: Biomath
	Chair: I Fabris-Rotelli
10:30-11:00	IV Yatat
11:00-11:30	AS Hassan
11:30-12:00	Y Dumont
12:00-12:30	SI Oke*
12:30-13:30	<i>Lunch (Atrium & Botany 2-26)</i>
13:30-14:30	(Maths 2-1) Plenary Talk: Prof M Freitag <i>Balanced truncation model order reduction for stochastically controlled linear systems</i> <i>Chair: I Fabris-Rotelli</i>
	(Maths 2-1) Parallel Sessions (Botany 2-23)
	Chair: I Fabris-Rotelli Special session: Data Science
	Chair: Y Dumont
14:30-15:00	TM Kunene*
15:00-15:30	I Kyomugisha*
15:30-16:00	<i>Tea Break</i>
	(Maths 2-1) Parallel Sessions (Botany 2-23)
	Chair: I Fabris-Rotelli Special session: Data Science
	Chair: M Chapwanya
16:00-16:30	MS De Lancey*
16:30-17:00	T Alakoya*
17:30 –	Welcome Function (Skyline bar)

Thursday 28 March 2019

8:00	<i>Tea and Coffee</i>	
	(Maths 2-1)	(Botany 2-23)
	Chair: N Hale Special session: Data science	Chair: M Labuschagne
8:30-9:00	DN Wilke	MD Mhlongo & BF Shozi*
9:00-9:30	R Kirsten*	MMK Mothiba*
9:30-10:30	(Maths 2-1) Plenary Talk: Prof F Atay Network Dynamics and Delay Equations <i>Chair: J Banasiak</i>	
10:30-11:00	<i>Tea Break</i>	
	(Maths 2-1)	(Botany 2-23)
	Chair: B Bah Special session: Data Science	Chair: N van Rensburg
11:00-11:30	W Zvarevashe*	NFJ van Rensburg
11:30-12:00	JM Modiba*	M Labuschagne
12:00-12:30	J Stander*	R du Toit*
12:30-13:30	<i>Lunch</i>	
13:30-14:30	(Maths 2-1) Plenary Talk: Prof B Bah Restricted isometry constants of Gaussian matrices <i>Chair: I Fabris-Rotelli</i>	
	(Maths 2-1)	(Botany 2-23)
	Chair: J Banasiak Special session: Biomath	Chair: I Fabris-Rotelli
14:30-15:00	R Ouifki	Opti-Num (Matlab)
15:00-15:30	J Malinzi	Pearson
15:30-16:00	<i>Tea Break</i>	
	(Maths 2-1)	(Botany 2-23)
	Chair: J Banasiak Special session: Biomath	Chair: M Chapwanya
16:00-16:30	CD Tikane*	SN Mungwe*
16:30-17:00	M Ayano	KM Agbavon*
17:30	Young Mathematician's Function (Botany 2-26) Guest speaker: Prof Charis Harley	

Friday 29 March 2019	
08:00	<i>Tea and Coffee</i>
	(Maths 2-1) Sessions
	Chair: M Labuschagne
8:30-9:00	N Hale
9:00-9:30	JAC Weideman
9:30-10:30	(Maths 2-1) Plenary Talk: Prof R Deane <i>Physics with the MeerKAT and square kilometre array radio telescopes</i> Chair: I Fabris-Rotelli
10:30-11:00	<i>Tea Break</i>
11:00-12:00	(Maths 2-1) Plenary Talk: Prof N Trefethen <i>New Laplace and Helmholtz solvers based on rational functions</i> Chair: A Weideman
12:30-15:30	<i>Conference Lunch, Prizes, Closing (Blu Saffron)</i>

* denotes students

All abstracts can be found at <http://sanum.github.io>