



Conference Programme

Sunday, 23 November 2014

Venue	Two Oceans Aquarium, V&A Waterfront
18:00	Conference pre-registration (Reception)
18:30	<p>Welcome cocktail event Join us for snacks and drinks under the watchful eyes of South Africa's diverse marine life.</p> <p>Introductions and welcome Sakkie Janse van Rensburg</p>

Monday, 24 November 2014: Conference Day 1


Venue	Wilfred and Jules Kramer Law Building, Middle Campus, University of Cape Town
08:00 – 08:30	Conference registration (Foyer, Level 2)
Venue	Lecture Theatre One
08:30 – 09:00	<p>Introductions and Welcome</p> <p>Sakkie Janse van Rensburg (Conference Director) Prof Danie Visser (DVC-R, UCT)</p>
09:00 – 10:00 ★	<p>Keynote address: <i>Semantics based biomedical knowledge search, integration and discovery</i> Professor Barend Mons Leiden University Medical Center (LUMC) and Netherlands Bioinformatics Center (NBIC)</p>

10:00 – 10:30	<i>The Craftsperson and The Scholar: Research Software Engineers and their place in the university</i> Dr James Hetherington University College London	
10:30 – 11:00	TEA (Kramer Law Building food court, level three)	
Venue	Lecture Theatre One	
11:00 – 11:30	<i>eResearch initiatives at South African Universities</i> <i>Moving ICT support towards the fourth paradigm</i> Sakkie Janse van Rensburg University of Cape Town	
11:30 – 12:00	<i>eResearch at the UFS: A Decade of (E)nhancing Research</i> Albert van Eck University of the Free State	
12:00 – 12:30	<i>eResearch journey at UWC</i> Mervyn Christoffels University of the Western Cape	
12:30 – 13:30	Lunch (Kramer Law Building food court, Level 3)	
Venue	Lecture Theatre One Collaboration Track	Lecture Theatre Two Visualization Track
13:30 – 13:50	<i>Content licensing as a key mechanism for collaboration</i> Michelle Willmers OpenUCT Initiative	Session Chair: Anelda van der Walt <i>Design and development of effective web and mobile applications for visualising molecular structure</i> Associate Professor Michelle Kuttel University of Cape Town
13:50 – 14:10	<i>DSpace-CRIS: an Open Source solution for Research</i> Michele Mennielli CINECA	<i>Visualisation Walls in Research: More than just big screens and pretty pictures</i> Dr Chris Barnett University of Cape Town
14:10 – 14:30	<i>UCT's eResearch Portal: A progress report</i> Yvonne Hertzog University of Cape Town	<i>Highly Immersive Visualization Environment (HIVE)</i> Yafah Hoosain University of the Western Cape

14:30 – 14:50	<i>e-Research at UCT: the role of strategic partnerships and leadership readiness</i> Gwenda Thomas University of Cape Town	<i>Effective visualisation to enhance identification of Radio frequency interference in radio astronomy data</i> Sarah-Louise Blyth University of Cape Town
14:50 – 15:20	TEA (Kramer Law Building food court, Level 3)	
Venue	Lecture Theatre One	
15:20 – 15:50 ★	Session chair: Sakkie Janse van Rensburg Platinum sponsored plenary: Microsoft <i>eResearch in Action - Accelerating Knowledge, Enabling Decisions</i> Dr Kenji Takeda Microsoft Research	
15:50 – 16:20	<i>The Centre for High Performance Computing Role within eResearch in South Africa</i> Dr Werner Janse van Rensburg Centre for High Performance Computing	
16:20 – 17:00 ★	<i>Building infrastructure and capacity to enable genomic research</i> Associate Professor Nicky Mulder CBIO Group, University of Cape Town	
17:00 – 18:00	Data blitz Chair: Professor Ed Rybicki	
Venue	Kramer Law Building food court, Level 3	
18:00	Networking drinks	

Tuesday, 25 November 2014: Conference Day 2

Venue	Wilfred & Jules Kramer Law Building, Middle Campus, University of Cape Town
08:00 – 08:45	Conference registration (Foyer, Level 2)
Venue	Lecture Theatre One
08:45 - 09:30 ★	Session chair: Sakkie Janse van Rensburg Plenary session <i>The Research Bazaar: building next generation digital research skills through community</i> Dr Steven Manos University of Melbourne

09:30 – 10:00 	South African National Integrated Cyber-Infrastructure System.... and e-Research Professor Colin Wright Meraka CSIR	
10:00 – 10:30	Continuous integration and delivery of research applications in SA Grid Dr Bruce Becker Meraka Institute, CSIR	
10:30 – 11:00	TEA (Kramer Law Building food court, Level 3)	
Venue	Lecture Theatre One Storage	Lecture Theatre Two Workshops
11:00 – 11:30	<i>The RDSI DaSH Subproject and the RDS Project – the complementary services needed to make RDSI a success and life after RDSI</i> Richard Northam Research Data Storage Infrastructure University of Queensland	<i>GeoPortal project showcase: a proof-of-concept for research data management at UCT Libraries</i> Kelly.L. , Steele, D. Kistain, L, Barry, W. Hodgson, H., Walker, A. (UCT Libraries) & Lindenberg, N (GIS Consultant)
11:30 – 11:50	<i>The Challenges, Opportunities and Security of “big data”: A Perspective</i> Andre Le Roux University of Cape Town	
11:50 – 12:10	<i>Amalgamating free cloud services for data storage in the development of curriculum and curriculum support materials at KICD</i> Cyrus Kamau Kihuha Kenya Institute of Curriculum Development, University of Nairobi	
12:10 – 12:30	<i>Building a cluster file system using distributed, direct-attached storage</i> Peter van Heusden University of the Western Cape	

12:30 – 13:30	LUNCH (Kramer Law Building food court, Level 3)	
Venue	Lecture Theatre One National Research and Education Network (NREN)	Lecture Theatre Two Workshops
13:30 – 13:50	<i>NREN capability maturity: the case of the South African NREN</i> Duncan Greaves TENET	<p><i>A guide to the FAIRness of data: Findable, Accessible, Interoperable and Re-usable</i> Prof Barend Mons Leiden university</p>
13:50 – 14:20	<i>Federated Identity Management – Putting The Building Blocks Together</i> Siju Mammen SANReN, Meraka Institute, CSIR	
14:20 – 14:40	<i>Network research on research networks</i> Simeon Miteff SANReN, CSIR	
14:40 – 15:00	<i>NREN Infrastructure Implementation and Services Development Trends</i> Leon Staphorst Competency Area Manager (SANReN), Meraka Institute, CSIR	
15:00 – 15:30	TEA (Kramer Law Building food court, Level 3)	
Venue	Lecture Theatre One	
15:30 – 16:00 ★	<p>Session chair: Sakkie Janse van Rensburg</p> <p>Gold sponsored plenary <i>Enterprise Research Management Solution for modern University Management: Converis 5</i> Martin Jägerhorn Thomson Reuters</p>	
16:00 – 16:45 ★	<p><i>Building a massive research data cloud in Australia – Lessons learned and reflection on an African context</i> Dr Nick Tate Research Data Storage Infrastructure University of Queensland</p>	

16:45 – 18:00	Panel discussion <i>Could the real NREN please stand up and how we will recognise it</i> <i>Chair: Professor Ed Rybicki</i> <i>Panellists:</i> <i>Duncan Greaves</i> <i>Sakkie Janse van Rensburg</i> <i>Richard Jansen</i> <i>Leon Staphorst</i> <i>Colin Wright</i>
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Wednesday, 26 November 2014: Conference Day 3

Venue	Wilfred & Jules Kramer Law Building, Middle Campus, University of Cape Town	
08:00 – 08:45	Conference registration (Foyer, Level 2)	
Venue	Lecture Theatre One	Lecture Theatre Two Research Data Management Track
08:45 - 09:30 ★	Session chair: Sakkie Janse van Rensburg <i>The SKA and the Rise of Big Data in Radio Astronomy</i> Professor Russell Taylor University of Cape Town	Session chair: Martie van Deventer <i>Going Full Circle: Research Data Management @ University of Pretoria</i> Johann van Wyk & Isak van der Walt, University of Pretoria
09:30 – 10:00	<i>Big data Municipal Administrative Data: Big Data in Economics</i> Grant Smith University of Cape Town	<i>From Process to Practice: Establishing a Research Data Management Function in a Resources Constrained Environment</i> Adele van der Merwe, Louise Patterson & Martie van Deventer CSIR
10:00 – 10:30	TEA (Kramer Law Building food court, Level 3)	
Venue	Lecture Theatre One	
10:30 – 11:00	Session chair: Sakkie Janse van Rensburg Gold Sponsored plenary session <i>Introducing Pure: providing quality data and tools for effective Research Information Management (RIS)</i> Helen de Mooij Elsevier	

Venue	Lecture Theatre One Applied eResearch	Lecture Theatre Two Research Data Management Track
11:00 – 11:30	<i>Computational modelling in cellular and tissue biomechanics</i> Associate Professor Thomas Franz University of Cape Town	Session chair: Johann van Wyk <i>Dealing with the 3 deadly data sins and other delinquencies</i> Elias Makonko, HSRC
11:30 – 11:50	<i>Fibre orientation projection mapping for patient-specific computational modelling in cardiac diseases and therapies</i> Kevin Sack University of Cape Town	<i>ODIN: connecting scientists and datasets</i> Josh Brown ORCID Regional Director,
11:50 – 12:10	<i>Overview of the UCT Research Portal</i> Professor Ed Rybicki University of Cape Town	<i>Whose data is it anyway? Identifying the values and incentives that encourage the deposit and sharing of research data</i> Dr Dale Peters University of Cape Town
12:10 – 12:30	<i>An eResearch case study in advanced facility support: UCT Aaron Klug Centre for Imaging and Analysis</i> Jason van Rooyen University of the Western Cape	<i>Jointly Exploiting Data Infrastructure to improve the impact of African Social Science – the APHRC case</i> Bruce Becker CSIR Meraka Institute- SANReN Competency area
12:30 – 13:30	LUNCH (Kramer Law Building food court, Level 3)	
Venue	Lecture Theatre One Panel Discussion	Lecture Theatre Two Research Data Management Track
13:30 – 15:00	Session Chair: Anelda van der Walt <i>Training researchers in data intensive research methods</i> Panel discussion Jonah Duckles (USA) Dr James Hetherington (UK)	Session chair: Dale Peters <i>Developing an institutional research data management plan: Guidelines for universities</i> Heila Pienaar University of Pretoria

	David Merand (RSA) Dr Bruce Becker (RSA) Peter van Heusden (RSA)	<i>Integrating data management planning into institutional workflows – tools and challenges</i> Joy Davidson (DCC) Zanele Mathe (CPUT)
15:00 – 15:30	TEA (Kramer Law Building food court, Level 3)	
Venue	Lecture Theatre One	Lecture Theatre Two Research Data Management Track
15:30 – 16:00 ★	<i>Title and speaker to be confirmed</i>	<i>Science set free: scientific output and open science policies for Europe and beyond</i> Najla Rettberg (State and University Library of Goettingen) Lars Holm Nielsen (CERN) [TBC]
16:00 – 17:00 ★	<i>Building the eResearch Data-scopes for new Australian Centres of Research Excellence</i> Prof C. Paul Bonnington Director, Monash eResearch Centre	

Legend

Collaboration	
Visualization	
Storage	
Plenary	
Sponsored talk	
NREN	
Research Data Management	
Applied Research	
Panel Discussion	
Workshops	

Thursday, 27 November 2014: Workshop Day 1

Venue	SNAPE Building, Upper Campus, University of Cape Town		
08:00 – 09:00	Registration		
Venue	Lecture Theatre 3B/3C	Lecture Theatre 2B	Lecture Theatre 2C
9:00 – 10:30	Software Carpentry Bootcamp	Microsoft Azure for Research Workshop	Technology in the Service of Research: Solutions, Practices, and Challenges
10:30 – 11:00	TEA (New Engineering Building food court)		
11:00 – 12:30	Software Carpentry Bootcamp	Microsoft Azure for Research Workshop	Technology in the Service of Research: Solutions, Practices, and Challenges
12:30 – 13:30	LUNCH (New Engineering Building food court)		
13:30 – 15:00	Software Carpentry Bootcamp	Microsoft Azure for Research Workshop	
15:00 – 15:30	TEA (New Engineering Building food court)		
15:30 – 17:00	Software Carpentry Bootcamp	Microsoft Azure for Research Workshop	

Friday, 28 November 2014: Workshop Day 2

Venue	SNAPE Building, Upper Campus, University of Cape Town	
08:30 – 09:00	Registration	
Venue	Breakaway room	Breakaway room
9:00 – 10:30	Software Carpentry Bootcamp	Microsoft Azure Machine Learning for Research
10:30 – 11:00	TEA (New Engineering Building food court)	
11:00 – 12:30	Software Carpentry Bootcamp	Microsoft Azure Machine Learning for Research

12:30 – 13:30	LUNCH (New Engineering Building food court)	
13:30 – 15:00	Software Carpentry Bootcamp	Microsoft Azure Machine Learning for Research
15:00 – 15:30	TEA (New Engineering Building food court)	
15:30 – 17:00	Software Carpentry Bootcamp	