



## National Research Data Workshop

**19 - 21 June 2018**

**CSIR International Convention Centre (ICC)**

**Pretoria**

**South Africa**



# National Research Data Workshop

**DATE:**  
Tuesday  
19 June  
2018

**VENUE:**  
CSIR ICC  
Ruby  
Auditorium

## PROGRAM

### OPENING DAY

Keynote Address: NIST PWG Big Data Reference Architecture for Analytics and Beyond - Wo Chang

[Presentation](#)

#### Session 1: National and International Perspectives of Data

The SA-EU Dialogue Towards a Framework for Open Science - Daniel Adams

[Abstract Presentation](#)

Status and Progress of ILIFU - The Regional Node for Data Intensive Research - Jasper Horrell

[Abstract Presentation](#)

Improving Data Sharing and Re-use. An African perspective - More Chinakidzwa

[Presentation](#)

Developments in Open Data Open Science in Botswana - Tshiamo Motshegwa

[Abstract Presentation](#)

Design and Implementation of the SAEON Research Data Infrastructure - Kyle Cooper

[Abstract Presentation](#)

H3ABioNet - Enabling African Bioinformatics Research - Sumir Panji

[Abstract Presentation](#)

High Performance Computing in Africa - Happy Sithole

[Presentation](#)

#### Session 2: Data Privacy and Security

Using the Internet in Africa: Privacy and Freedom of Expression Concerns and Challenges - Justine Limpitlaw

[Abstract Presentation](#)

Personal Data Privacy and Security – Who, What, When, Why, Where and How - Uche Mbanaso

[Abstract Presentation](#)

SARAO Archive, Access, Authentication and Authorisation - Christopher Schollar

[Abstract Presentation](#)

#### Session 3: RDM Data Repositories and Infrastructures

Stellenbosch University's Institutional Data Repository Pilot Project - Samuel Simango

[Abstract Presentation](#)

Recycle, Reuse: Institutional Infrastructure for extending the value of data from government sponsored research - Lynn Woolfrey

[Abstract Presentation](#)

Roles in Data Services in the Higher Education Academic Library - Fatima Darries

[Presentation](#)

Digital Scholarship Centres – Don't Get Left behind - Isak Van Der Walt

[Abstract Presentation](#)

#### Session 4: RDM and Policies

ILIFU RDM Research Project: Preliminary Findings - Dale Peters & Alecia Naidu

[Abstract Presentation](#)

Learning Best Practices for Research Data Management - Thozama Mandindi

[Abstract](#)

Creating Impact with Agricultural Research Data for Policy Makers and Smallholder Farmers in Kenya - Boniface Akuku

[Abstract](#)

Research Data Management at SANBI - Fhatani Ranwashe

[Presentation](#)

Research Data Management and Policy in Kenya's Agricultural Research Institutes - Emily Jeruto Ng'eno

Higher Education Digital Governance in Cameroon: What and When - a Policy for Research Data Management - Gratien Gualbert Atindogbe



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## PROGRAM

### DAY 2: PRESENTATIONS

#### Session 5: Data Science and Skills

Data Science Skills: The Gaps and Opportunities for Developing Countries - Lawrence Nderu

Data Intensive Weather and Climate research and operations for decision making - Mary-Jane Bopape

[Abstract Presentation](#)

An Evaluation of Galaxy and Ruffus Workflows System for DNA-Seq Data Analysis - Ajayi Olabode

[Abstract Presentation](#)

Quantifying Customer Behaviour for Energy Utility Planning - Retief Lubbe

[Abstract Presentation](#)

Multivariate Analysis for Growth Monitoring in Children Under-5 years of Age: A systematic review of Multivariate techniques and their limitations - Simisani Kelaotswe

[Abstract Presentation](#)

#### Session 6: Open data, data curation and citation

Leveraging Open Data in Bioinformatics: The Motif Assessment Experience - Philip Machanick

[Abstract Presentation](#)

An Interdisciplinary Data-Driven Framework for Development Science - Kassim Mwitondi

[Abstract Presentation](#)

Applying Open Data: Case Studies From Living Atlases - Hayden Wilson

[Abstract Presentation](#)

Curation for Trusted Open Data - Kayleigh Lino

[Abstract Presentation](#)

The SAIAB Biodiversity Data Curation Platform - Willem Coetzer

[Abstract Presentation](#)

#### Session 7: Big Data

Toward the Influence of the Organisation on Big Data Analytics - Michael John Niland

[Abstract](#)

Role of data science, big data for avoiding plagiarism - Bikash Mukhopadhyay

[Abstract Presentation](#)

Leveraging big data for strategic decision-making - Frank Mourinho

[Abstract](#)

The European Datacube: Any Query, Any Time, on Any Size - Peter Baumann

[Abstract Presentation](#)

#### Session 8: Technology Demonstrators - DIRISA Services

DIRISA Overview - Anwar Vahed

SA-DMP: The South African Data Management Planning Tool - Nobubele Shozi

[Abstract Presentation](#)

Q&A session and DIRISA roadmap discussion - Anwar Vahed

#### Session 9: Technologies for cyberinfrastructures

Raster Data and Beyond: The Miraculous World of Coverage Standards - Peter Baumann

[Abstract Presentation](#)

Moving more data, faster (yours!) – the science DMZ as enabler - Cassandra Pillay

[Abstract Presentation](#)

The SRAO Meerkat Datastore - Thomas Bennett

[Abstract Presentation](#)



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**DATE:**  
Thursday  
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Emerald  
Room

### DAY 3: PARALLEL SESSION 1 - DIRISA SERVICES

#### Session 10: DIRISA Collaboration Session

Session objectives and DIRISA Overview - Anwar Vahed

DIRISA PID Services - Ntethelelo Mngenge

Q&A session - Sthembiso Mkhwanazi

Data Deposit Services - Mbuyiselo Ndlovu

Q&A session - Sthembiso Mkhwanazi

Closure of DIRISA Collaboration Session - Anwar Vahed

[Abstract](#) Presentation

[Abstract](#) Presentation