DIRISA

National Research Data Workshop

The Data Intensive Research Initiative of South Africa (DIRISA) will host the National Research Data Workshop from **19 to 21 June 2018** at the **CSIR International Convention Centre (ICC) in Pretoria**.

DIRISA forms part of National Integrated Cyberinfrastructure Systems (NICIS) along with the Centre for High Performance Computing (CHPC) and the South African Research and Education Network (SANReN). NICIS is supported by the DST and hosted at the CSIR.

The workshop is aimed at the academic and research community, but is open to participants who would like to share their knowledge and experience in data intensive research and research data management.

Delegates will hear key insights from leading researchers, research managers and experts currently shaping the future of data intensive research and research data management in South Africa. There will also be hands-on tutorials on specific aspects of data management, open to all participants seeking to improve their data management skills.

The workshop is at no cost to all delegates; however, space for delegates is limited.

For more information direct your enquiries to dirisa@csir.co.za, or visit www.dirisa.ac.za/workshop

Workshop Themes

Research Data Management and Policies:

- Policies, procedures and services for managing research data
- Needed infrastructure, frameworks and protocols to improve the value of data
- Provisioning of services that support good data management practices

Open Data and Data Citation:

- Leveraging open data
- Data curation and preservation
- Indicators and metrics for data citation
- Making data shareable and ascribing to FAIR (findable, accessible, interoperable and reusable) data principles without compromising intellectual property (IP) and impact

Data Privacy and Security:

- Best practices and technical aspects that help research infrastructures ensure security and user trust
- Measures and processes to maintain privacy and the ethical use and reuse of data

Data science and skills:

- Needed skills for researchers to manage (open) data and to conduct research
- Data mining, data fusion/integration
- Approaches, methodologies, initiatives and needs to increase data analytic skills

Technologies for cyberinfrastructure:

- Data systems architecture
- Data infrastructures
- Federated identification and access (e.g. SAFIRE, EduGain)

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