CODATA-RDA School of Research Data Science

University of Pretoria – Department of Information Science in collaboration with DIRISA, SADiLaR and NeDICC.

May - June 2023

The school provides early career researchers (M-level to postdoc) with the foundational data science skills, which include technical skills and responsible research practices, to enable them to work with their data in an effective and efficient manner required by 21st century research.

Description

The material covered by the programme is fundamental to all areas of research, and thus open to researchers and professionals from all disciplines that deal with significant amounts of research data. The goal is to provide a practical introduction to these topics with some theory and extensive hands-on training.

Successful applicants will be expected to pay a fee of R1 150 once the application is accepted. This fee includes all training material.

Training will be provided online. Candidates will be expected to complete at least two modules per week.

Application deadline:
31 March 2023

Further information:

SCAN ME

http://datascienceschools.co.za

Females, Social Scientists and participants from developing countries are encouraged to apply

Topics

- Open Science
- Introduction to Unix Shell
- Introduction to Git
- Open and Collaborative Research
- Research Data Management
- Data Cleaning – using Open Refine
- Data Analysis and Visualisation – using R
- Data Intensive Social Science
- Author Carpentry
- Information Security
- Machine Learning and Neural Networks
- Research Computational Infrastructure

International Directors
H Shanahan (Royal Holloway University, UK)
L Bezuidenhout (DANS, Netherlands)
B Peterson (Fathom Data)

Local Organisers
Co-Chairs: L Makhafola (UP) | P Laughton (UP) | M van Deventer (UP)
H Baudin (NeDICC) | M van Zaanen (SADiLaR) | B Peterson, (Fathom Data) | S Gcukumana (CSIR) | N Shozi (NICIS) | M Holmner (UP) | L Ball (UP) | K Yelverton (UP) |

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