

Advancing Science in South Africa through High Performance Computing, Connectivity and Data Services

In today's rapidly evolving landscape of science and research, the demand for cutting-edge technological solutions has never been more crucial. High-Performance Computing (HPC), reliable Internet connectivity, and efficient data management services form the backbone of groundbreaking advancements in various scientific domains. Research and science are undergoing a transformative shift, transitioning into increasingly data-driven disciplines.

Within this contemporary landscape, the generation, analysis, and interpretation of vast datasets have become fundamental components of scientific inquiry. Researchers across diverse fields harness the power of data to uncover patterns, correlations, and insights that were previously inaccessible. This data-driven paradigm not only accelerates the pace of discovery but also facilitates interdisciplinary collaboration, enabling scientists to draw connections and make discoveries that transcend traditional boundaries.

As technology continues to advance, the ability to navigate and extract meaningful knowledge from large datasets is becoming a defining factor in the success and impact of scientific endeavours. The National Research Big Data Strategy focuses on leveraging big data to advance research and innovation in various sectors.

Embracing and mastering the tools of data-driven research is paramount for staying at the forefront of innovation and addressing complex challenges in today's rapidly evolving scientific landscape. Join ASSAf for this webinar to learn how the Centre for High Performance Computing (CHPC), SANReN (South African National Research Network) and DIRISA (Data Intensive Research Initiative of South Africa) support data-driven science and research, which is paramount for staying at the forefront of innovation and for addressing complex challenges in today's rapidly evolving scientific landscape.

Date: 4 April 2024
Time: 10:00-12:00 SAST/UTC +2
Venue: Zoom
Please register: [Click here](#)
Enquiries: ina@assaf.org.za



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