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An Assessment of the Maturity of the SA NREN

Tuesday, 5 December 2017 12:00 (30 minutes)

The South African National Research and Education Network (SA NREN) is a collaborative effort by the Tertiary Education and Research Network of South Africa (TENET) and the South African National Research Network (SANReN) that has spanned more than a decade. While the SA NREN initially had the primary goal to provide the South African higher education and research communities with unconstrained bandwidth at a fraction of the costs of the commercial market, it has now evolved to also provide a wide variety of advanced services and participates in various international initiatives. As such, it has evolved from a mere connectivity provider to an extremely advanced NREN that is now regarded as one of the world's leading Research and Education (R&E) networks, as is evident from its membership in the Global R&E Chief Executive Office (CEO) Forum. This presentation will consider the progress that the SA NREN has made in recent times in providing connectivity and other advanced services to its beneficiaries, and measure this against the NREN maturity model developed by TENET to gauge the successful development of NRENs throughout Africa.

HPC content

The SA NREN provides connectivity from all higher education and science institutions to the CHPC. It is also responsible for the transportation of all SKA/MeerKAT and CERN related science traffic into and out of South Africa.

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