

The Centre for High Performance Computing (CHPC) is a Department of Science and Technology initiative implemented through the Meraka Institute. The CHPC's main objective is to create a significant computational infrastructure for South African research institutions to enable them to engage in computationally intensive research challenges that are both globally competitive and relevant to the South African context. It also aims to create critical mass in high performance computing and computational sciences on a national scale through support for strategically directed research and human capital development. The primary node of the CHPC is established in Cape Town, hosted by the University of Cape Town. CHPC has the following challenging position available:



Head of the Centre for High Performance Computing

This position calls for a Senior Research Manager with experience in the research, research management and application of high performance computing (HPC) and/or information and communications technology (ICT) in the scientific and technology development arena to head the CHPC. This person will have overall responsibility for all aspects of the infrastructural and operational management of a significant national computing centre as well as development and implementation of the centre's research and development (R&D) strategy. The successful candidate will have an established profile and track record in developing scientifically rigorous and innovative solutions to HPC and/or ICT problems, and will have a clear and compelling vision of how HPC can act as a platform and support for R&D and innovation activities in South Africa. Good leadership and strategic skills are sought with a demonstrated track record of, and considerable experience in, strategic leadership in an R&D environment. In addition, the research and academic positioning of the CHPC requires that the candidate will enjoy academic credibility to engage appropriately with the research and academic aspects of the CHPC and, subject to negotiations, may hold academic status at a South African university. The candidate should have a strong conceptual understanding of the HPC field, its use as a platform to support R&D, coupled with strategic insight and the ability to interact with stakeholders to develop and implement a research and operational plan for the centre.

This senior position requires an individual with a postgraduate degree, preferably a PhD (natural science, computer science, mathematical science, engineering and computational science) and significant postqualification experience in research and research management. A management qualification will be beneficial.

Should you meet the above requirements and wish to contribute to the success of the organisation through this position, please submit your CV clearly indicating the position for which you are applying, for the attention of: The HR Practitioner, Meraka Institute by email: vacancies@csir.co.za.

Please note that no faxed or posted CVs will be accepted.

Closing date for applications: 13 June 2008.

By applying for this position at the CSIR, the applicant understands, consents and agrees that the CSIR may solicit a credit and criminal report from a registered credit bureau and/or the SAPS (in relation to positions that require trust and honesty and/or entail the handling of cash or finances) and may also verify the applicant's educational qualifications and employment history.

Please note that correspondence will be entered into with shortlisted candidates only.