

High Performance Computing developments in South Africa: The Efforts in support of Physics

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The need for High Performance Computing as a third pillar of investigations for physics discoveries has been clearly demonstrated globally. In South Africa the need for HPC has been driven from many sectors of science and engineering, and physics has been one of the major drivers. For example many activities in material science in search of solutions for mineral beneficiation, participation in large science projects, such as Large Hydrogen Collider, and now recently, the award of the square Kilometer Array (SKA) to both Australia and South Africa. The focus of this talk will look at investments in developing capacity in south Africa and the entire African continent for skills and infrastructure in support of these initiatives.

Abstract Category

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