



Contribution ID: 21

Type: Poster Presentation

## Quality vs Quantity: the National Senior Certificate - a case study

Wednesday, 1 July 2015 16:10 (1h 50m)

**Abstract content <br> &nbsp; (Max 300 words)<br><a href="http://events.saip.org.za/getFile.py/a" target="\_blank">Formatting &<br>Special chars</a>**

Experts believe that a country's global competitiveness and technological advancement is intrinsically linked to the performance of the students in the gateway subjects such as Mathematics and Physical Science at matriculation level. However, there has been a serious debate over the years about the quality of the National Senior Certificate results in relation to these subjects. There has been a steady quantity improvement in the pass rates of these subjects amidst quality concerns. The impact of such deliberations is most pronounced when analyzed in terms of input characteristics versus academic performance of students in Electrical Engineering, Homeopathy, Chiropractic and Analytical Chemistry diploma programs at the University of Johannesburg, which is the subject of this investigation.

**Apply to be<br> considered for a student <br> &nbsp; award (Yes / No)?**

No

**Level for award<br>&nbsp;(Hons, MSc, <br> &nbsp; PhD, N/A)?**

No

**Main supervisor (name and email)<br>and his / her institution**

No

**Would you like to <br> submit a short paper <br> for the Conference <br> Proceedings (Yes / No)?**

Yes

**Please indicate whether<br>this abstract may be<br>published online<br>(Yes / No)**

Yes

**Primary author:** Dr RAMAILA, Sam (University of Johannesburg)

**Co-authors:** Dr REDDY, Leelakrishna (University of Johannesburg); Dr NAIR, Padmanabhan (University of Johannesburg)

**Presenter:** Dr RAMAILA, Sam (University of Johannesburg)

**Session Classification:** Poster2

**Track Classification:** Track E - Physics Education