



Contribution ID: 232

Type: Oral Presentation

Forces: A difficult area for the students

Wednesday, 13 July 2011 12:15 (15 minutes)

The investigation reflects on the causes of unsatisfactory students' performance on the section involving forces during tests. It has been realized that more often than not students tend to be excited after undertaking a test on forces. However, subsequent feedback usually paints a different picture and this has become a worrying trend. The results of the investigation in this regard seem to suggest that students have inadequate understanding of sizes, directions and points of actions on the body. In addition, students also appear to encounter difficulties in distinguishing between the pushing and the pulling interactions.

Level (Hons, MSc, PhD, other)?

other

Consider for a student award (Yes / No)?

no

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

no

Primary authors: Mr MAPASHA, Edwin (University of Pretoria); Mr MOTSOENENG, John (University of Pretoria)

Co-author: Dr MOJI, Cable (University of Pretoria)

Presenter: Mr MAPASHA, Edwin (University of Pretoria)

Session Classification: Education

Track Classification: Track E - Physics Education