



The South African Institute of Marine Engineers  
& Naval Architects

GENERAL NOTICE [TECHNICAL]

Date of Notice : 01/09/2011  
Date of Technical Paper : 07/09/2011  
Venue : SAIMENA House, Berea Rovers

To all Members

Please be advised of the following Technical Paper to be delivered on the 7<sup>th</sup> September 2011.

Technical paper titled "Phoenix-1A Hybrid Sounding Rocket", this Project falling under the Aerospace Systems Research Group, will be presented by MSc postgraduate engineers Bernard Genevieve and Seffat Chowdhury from the UKZN school of Mechanical Engineering.

The current research focuses on:

- Design and manufacture of a hybrid rocket motor and vehicle structure.
- Combustion modelling of a paraffin wax and nitrous oxide propellant combination.
- Flight performance modelling of a generic sounding rocket.

Please note that the paper is to be delivered on the 7<sup>th</sup> September 2011 [Wednesday] and NOT the 8<sup>th</sup> September as mentioned in my previous general notice. Apologies for any inconvenience.

Snacks will be served after the paper on the 7<sup>th</sup> September 2011.

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