



# CoE-MaSS weekly seminar series

THE DST-NRF CENTRE OF EXCELLENCE IN  
MATHEMATICAL AND STATISTICAL SCIENCES (CoE-MaSS)  
PRESENTS A SEMINAR BY

**Dr Ashleigh Hutchinson**  
*(University of the Witwatersrand, Johannesburg)*

## *“Modelling the collapse of marine ice shelves”*

Friday, 5 April 2019  
10h30-11h30

CoE-MaSS Seminar Room, 1<sup>st</sup> floor, MSB, Wits.

The dire consequences of global warming on the environment is a much debated topic. One such consequence, namely a rise in sea level, would compromise marine and terrestrial ecosystems. A significant rise in sea level can occur when massive ice-shelves collapse. The aim of this talk is to discuss some preliminary laboratory experimental results that replicate the behaviour of marine ice-shelves. These experiments allow for a better understanding of how and why ice-shelves collapse, which may enable us to predict collapses in the future.



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