

## CoE-MaSS weekly seminar series

THE DST-NRF CENTRE OF EXCELLENCE IN MATHEMATICAL AND  
STATISTICAL SCIENCES (CoE-MaSS) WOULD LIKE TO PRESENT  
A SEMINAR BY

### Prof Kathleen Driver (Kathy)

*(Emeritus Professor of Mathematics, University of Cape Town)*

*“Inequalities for Extreme Zeros of Classical Orthogonal  
Polynomials”*

Friday, 27 May 2016  
10h30-11h30



---

**Broadcast live from:**  
Videoconferencing Facility, 1st Floor  
Mathematical Sciences Building, Wits West Campus

**How to connect to this seminar remotely:**

You can connect remotely via Vidyo to this research seminar by clicking on this link:  
<http://wits-vc.tenet.ac.za/flex.html?roomdirect.html&key=y0SSOwFsvsidbzg4qFdWXvvQtyl>  
and downloading the Vidyo software before the seminar.

You must please join in the virtual venue (called “CoE Seminar Room (Wits)” on Vidyo)  
strictly between **10h00-10h15**. No latecomers will be added.

**Important videoconferencing netiquette:**

Once the seminar commences, please mute your own microphone so that there is no feedback from your side into the virtual room. During the Q&A slot you can then unmute your microphone if you have a question to ask the speaker.

**Title:**

Inequalities for extreme zeros of classical orthogonal polynomials.

**Presenter:**

Prof Kathleen Driver, Emeritus Professor of Mathematics, University of Cape Town, South Africa, [Kathy.driver@uct.ac.za](mailto:Kathy.driver@uct.ac.za)

**Abstract:**

We prove that interlacing properties of zeros can be applied to obtain bounds for the largest and smallest zeros of classical orthogonal polynomials.

This is joint work with Kerstin Jordaan.