MaSS
DST–NRF CENTRE OF
EXCELLENCE IN
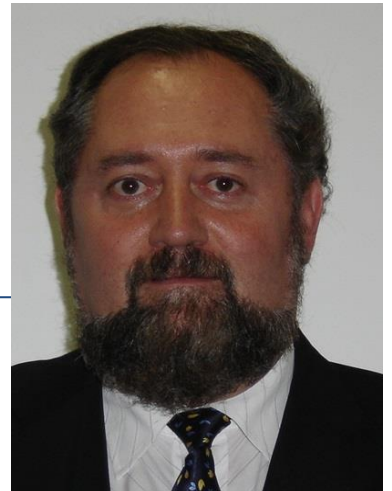MATHEMATICAL &
STATISTICAL SCIENCES

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 Sever Dragomir

(Chair Theory of Inequalities, Mathematics, College of Engineering & Science, Victoria University, Melbourne City, Australia)

"Inequalities of Young and McCarthy Type for Positive Operators in Hilbert Spaces"

Friday, 26 August 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=y0SSOwFsvsidbzg4qFdWXvvQtyI
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 latec omers 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 of Young and McCarthy Type for Positive Operators in Hilbert Spaces

Presenter:
Prof Sever Dragomir, Chair Theory of Inequalities, Mathematics, College of Engineering & Science, Victoria University, Melbourne, Australia, sever.dragomir@vu.edu.au

Abstract:
In this presentation we survey some recent Young and McCarthy type inequalities for positive operators in complex Hilbert spaces. Some reverses and refinements due to Kittaneh and Manashrah, Zou et al., Liao et al., Tominaga & Furuichi and the author are presented. Preprint versions of the author's papers, where further details are provided, may be found online at http://rgmia.org/v18.php.

Biography: Professor Dragomir is the author of 10 books, editor of 11 books and author of more than 900 research articles published in international journals. He is the foundation Chair of *Research Group in Mathematical Inequalities and Applications* (RGMIA) (1998+)(http://rgmia.org/index.php) and was the foundation Editor in Chief of the "*Journal of Inequalities in Pure and Applied Mathematics*" (JIPAM, 2000-2009) (http://www.emis.de/journals/JIPAM/) and the Editor in Chief of the *"Australian Journal of Mathematical Analysis and Applications"* (AJMAA, 2004+)(http://ajmaa.org/volumes.php). He is a member of the editorial board of more than 35 mathematical journals from all over the world and his work attracted more than 15,800 citations as shown by Google Scholar.