

The Concrete Society of Southern Africa NPC Western Cape Branch invites you to this exciting Monthly Technical Meeting.

Topics & Speakers

Influence of reactive crusher sand in conjunction with reactive coarse aggregate on the potential of AAR in concrete. Research by Zubair Mahomed



Mark Alexander is Emeritus Professor of Civil Engineering, and a Senior Research Scholar, at the University of Cape Town. He is involved in the Concrete Materials and Structural Integrity Research Unit (CoMSIRU) at UCT. He has a PhD from the University of the Witwatersrand, and is a Fellow of the University of Cape Town and RILEM. He is a registered Professional Engineer. He co-authored 'Aggregates in Concrete' (2005), 'Alkali-Aggregate Reaction and Structural Damage to Concrete' (2011), and 'Durability of concrete – design and construction' (2017), all published by Taylor and Francis/CRC Press, and was editor of 'Marine concrete structures. Design, durability and performance', Woodhead Publishers (2016).

Alice Titus Bakera is a PhD student at University of Cape Town in Civil Engineering. She is also a member of Concrete Materials & Structural Integrity Research Unit (CoMSIRU). She recently completed her MSc(Eng) in Civil Engineering at the University of Cape Town and will formally graduate in December 2018. In her Master's research, she focused on structural and durability properties of concrete containing metakaolin for use in the Western Cape. She completed her BSc in civil and structural engineering at the University of Dar es Salaam, Tanzania, in 2015. She then joined the university as an academic development staff member, where her role is to develop her career as a researcher and academician.



Behaviour of bi-component polymer fibers under creep and in aggressive environments regarding durability performance



Mario Manser, CEO Contec Fiber AG from Switzerland finished his civil engineering at Brugg-Windisch (Switzerland) and he completed his Executive MBA at University St. Gallen (Switzerland). He worked for several engineering offices in Switzerland and was responsible for planning and observing new projects and reconstructions. He made static calculations for constructions in concrete as well as in steel and wood and worked as a technical supervisor on site. He joined Contec Fiber AG (former Brugg Contec AG) in 2005 as Technical Manager to expand the business of synthetic fibers for concrete reinforcement. Since 2011 he built up new partnerships worldwide and became in 2017 the CEO of Contec Fiber AG.

Date: **Thursday, 13 September 2018**

Venue: Snape 3B in upper campus, University of Cape Town

Time: From 17:30

Cost: Free

Note: CPD Will be applied for.

RSVP:

Close of business, 6 September 2018

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