

## CONSTRUCTION TECHNOLOGY



**CEMENT, CONCRETE, MASONRY, FOUNDATIONS,  
WATERPROOFING, ROOFING  
AND PROBLEMATIC SOIL TYPES**

**PRETORIA  
21 – 22 AUGUST 2018**

### ABOUT THE WORKSHOP

This workshop will contribute to the continuing development of the architectural professional by providing further mobility and transportability within the field of applying and understanding Construction Technology.

The workshop will focus on practical aspects like:

- What is cement?
- Different types of cement and when to use a certain type
- Concrete - types, mixtures, strength, slump-tests, application
- Mortar - bonding agent in masonry walls, plaster, mixtures, finishes
- Masonry - types, specific usages, reinforcement
- Waterproofing of Buildings
- Roofing
- General soil types
- Soil classification for construction purposes
- Problematic soils (heaving clay, collapsible sands and dolomites)
- Performance requirements for structural rational designs
- Deemed-to-satisfy rules for foundation design

**CPD\*:**

The workshop is validated by SAIAT as an Interactive Category 1 CPD event and participants registered with SACAP will earn 3 credits.

**REQUIREMENTS:**

Participants will be provided with a flash drive containing the presentation. It is recommended that participants obtain the following SABS Standards

- SANS10400 Part B: Structural Design
- SANS10400 Part H: Foundations
- SANS10400 Part J: Floors
- SANS10400 Part K: Walls
- SANS10400 Part L: Roofs
- SANS10021: The Waterproofing of Buildings

*Please note that due to the SABS Copyright restrictions, participants will have to get their own copies from the SABS Webstore.*

**DURATION:**

The workshop is a 2-day workshop that will start at 08:00 and end at approximately 15:00 on each day.

**PRESENTER:**

Frans Dekker

Frans Dekker is the current Director: Executive President of SAIAT and since 2008 has been actively involved in presenting CPD workshops for SAIAT.

He also represents SAIAT on several Technical Committees at the SABS including TC060 (SANS10400), TC1098 (SANS2001) and TC059 (Energy Efficiency) and actively participate in several Subcommittees and Workgroups of the SABS.

**COSTS**

SAIAT Paid-up members	R 2 375.00
Other professionals / Guests	R 2 930.00
(All inclusive of VAT)	

Please note that SAIAT offers a 3-month payment plan. Please select the correct choice on the registration form.

## **CANCELLATION POLICY:**

Click [here](#) to download the Cancellation Policy.

In the event of a cancellation, please complete the Cancellation Request Form available [here](#).

## **WHERE:**

[Zambesi Conference Centre](#)

*(Click for Google Map)*

721 Klippan Street

Montana

PRETORIA



*Click Here to  
Register Online*

SAIAT reserves the right to change dates and/or venues of workshops as advertised due to logistical reasons not foreseen.

Due to the interactive nature of SAIAT's workshops a maximum of 50 delegates can be accommodated on a "first register - first serviced" basis.

The registration system does not allow for any telephonic bookings: registrations can be done either online, by downloading the relevant PDF-form from the SAIAT website or by requesting the form to be faxed/e-mailed. The form (either downloaded, e-mailed or faxed) must be forwarded to SAIAT either via submission online, e-mail or fax.

Website: [www.saiat.org.za](http://www.saiat.org.za)

Tel: 011 622 3168 / Fax: 086 656 6609

*\* In terms of the SACAP CPD Conditions recognised voluntary associations are approved to validate Category 1 CPD events.*