

Conference Schedule

12.09.2023

Future Africa Main Auditorium

R950 pp

Limited to 200 people.

For more information contact
schalk.grobbelaar@up.ac.za

To register for the conference visit
<https://www.pia.org.za/events>



REGISTRATION - 8:00

SESSION 1 - 8:30 - 10:30

Welcome – Jeannine van Straaten: Proudly South African

Presenter: Prof Wynand Steyn: *Dean UP EBIT Faculty*
The Vision of Engineering 4.0

Keynote Address: Deputy Minister Nomalungelo Gina: *the dtic*

Presenter: PIA representative
Supporting timber construction and design

Presenter: Niel Crafford: *PlanEco Architects*
Designing a new Building System to meet Environmental Requirements

Presenter: Franco Piva: *Ergodomus*
BIM, DfMA and the digital model: the new value engineering tool for the next timber buildings

Presenter: Christian Hess: *Holzbau Hess*
Freeform beams add a dimension to timber construction

SESSION 2 - 11:00 - 13:00

Presenter: David Krynauw: *David Krynauw*
Wood inspires creativity

Presenter: Peet van Straaten: *RAW Modular*
Practical timber design and construction training

Presenter: Jamie Smily: *XLAM*
Lessons learned from pioneering Cross Laminated Timber in SA

Panel Discussion:
Challenges and Opportunities with timber construction in SA

Facilitator: Professor Prof Chrisna du Plessis: UP Department of Architecture

Panellists:

Braam de Villiers: Earthworld Architects

Werner Jnr Slabbert: Eco Log Homes

Dr Jennifer Mirembe: National Department of Human Settlements

Qaqaqambile Mangqalaza: National Housing Finance Corporation SOC LTD

SESSION 3 - 14:00 - 15:30

Presenter: Marcus van der Hoven: *Mass Timber Technologies*
What have we learned from building mass timber structures?

Panel Discussion:
Wood Properties, Preservation and Fire Protection

Facilitator: Fanjan Pretorius: *York Timbers*

Panellists:

Bruce Breedt: SAWPA

Dr Humaira Fataar: Stellenbosch University, Department of Civil Engineering, Fire Research Unit

Kobus Strydom: Firelab

Dr Philip Crafford: Stellenbosch University, Department of Forest & Wood Science

Craig Makapela: NHBC

SESSION 4 - 16:00 - 16:30

Timber Design Award: Announcement to be made by **Christo van der Hoven** & **Emma Ayesu-Koranteng** & **Tihologello Sesana**

Closing: Siyavuya Bulani: *Department of Science and Technology*

Further Networking