
Present:
FOCUS ON FORESTRY 2019

Event Programme

10 – 12 April

Ingwenyama Resort, White River, Mpumalanga, South Africa

Theme:

“Bridging the technological divide in the African Forestry sector”

Focus on Forestry 2019 is a larger and improved conference, exhibition and demo, aimed at the entire forestry value chain, and caters for forestry role-players from across the African continent. It still however caters primarily for the forestry manager, contractor and related role-players.

PLATINUM SPONSOR



GOLD SPONSORS



| Wednesday 10 April – Silviculture/Fire Conference Programme | |
|---|---|
| 07:30 - 08:00 | Registration and Coffee |
| 08:00 – 08:10 | Welcome |
| Theme 1 | Silviculture, Session Chair: Klaas Makobane – Safcol |
| 08:10 – 08:55 | Keynote address: Technology trends that are shaping business strategy and influencing operational forest management Arthur Goldstuck, World Wide Worx, South Africa |
| 08:55 – 09:15 | Unlocking financing opportunities through technology Deon van Wyk, Absa Regional AgriBusiness, South Africa |
| 09:15 - 09:35 | Unravelling future silviculture technologies in plantation forestry Muedanyi Ramantswana, Nelson Mandela University, South Africa |
| 09:35 - 09:55 | Precision Silviculture – the use of telematic solutions Jaap Steenkamp, Novelquip, South Africa |
| 09:55 - 10:10 | Questions and Discussion |
| 10:10 – 10:40 | Tea (sponsored by TWK) |
| 10:40 – 10:50 | Word from the Gold Sponsor Husqvarna |
| 10:50 - 11:10 | Nursery mechanisation and technologies in silviculture tending operations Willem Jacobs, NuSustain, South Africa |
| 11:10 - 11:30 | Using digital technology to manage small-scale timber growers Dutliff Smith, Sappi, South Africa |
| 11:30 - 11:50 | Managing from above Jurgens Kritzinger, Montigny, Swaziland |
| 11:50 - 12:10 | “African Forestry projects at a cross roads – which road to take?” Success, failure, alternative and obligations Ruddolph Hoffman, Green Resources, Uganda |
| 12:10 - 12:30 | The application of different cut-stump control options to reduce competition from coppice regrowth Jonathan Roberts, Nelson Mandela University, South Africa |
| 12:30 – 12:45 | Questions and Discussion |
| 12:45 – 13:45 | Lunch (sponsored by Sappi) |
| Theme 2 | Fire Management, Session Chair: Piet Van der Merwe – Working on Fire |
| 13:45 - 13:55 | A word from the Gold Sponsor - Hino |
| 13:55 – 14:15 | Plantation monitoring using high resolution multispectral satellite imagery and cloud processing technology Michael Breetzke, Swift Geospatial, South Africa |
| 14:15 - 14:35 | Aerial Resource Integration - Adapting to Change Stephen Devine, Firescape, South Africa |
| 14:35 - 14:55 | The “it’s too expensive” perception – the Blackhawk case study Mark Wagner, Sappi, South Africa |
| 14:55 - 15:15 | Rural Forestry Risk Management (Ghana) Willem Fourie, Form Ghana, Ghana |
| 15:15 - 15:45 | Tea |
| 15:45 - 16:05 | Pelargonic acid as an alternative to paraquat for the preparation of fire-break tracer lines Prof Keith Little, Nelson Mandela University, South Africa |
| 16:05 – 16:25 | Fuel load management: Applying the under canopy burning approach Bob Connolly, EVMS, South Africa |
| 16:25 - 16:45 | An overview of the new digital radio communication system in forestry operations Vic Jacobs, Electra, South Africa |
| 16:45 - 16:55 | Questions and Discussion |
| 16:55 - 17:00 | Thanks and Closure |
| 17H00 | Post conference function (sponsored by PG Bison) |

| Thursday 11 April – Forest Engineering Conference Programme | |
|---|--|
| 07:30 - 08:00 | Registration and Coffee |
| 08:00 - 08:10 | Welcome |
| Theme 1 | Mechanised Harvesting, Session Chair: Dietmar Schroeder – Sappi |
| 08:10 - 08:20 | A word from the Platinum Sponsor AfrEquip / Tigercat |
| 08:20 - 08:55 | Steep Slope Logging: Challenges, Trends, Systems and Developments Eric Krume, Summit Attachments and Machinery, USA |
| 08:55 - 09:25 | The future of telematics in the manufacturing and management of forest machines Matthew Flood, John Deere, USA |
| 09:25 - 09:45 | New technologies in York Timber Danie Jacobs, York Timber, South Africa |
| 09:45 - 10:05 | New trends in the integration of software into the corporate environment Paul Schreuder, Apstory, Johannesburg, South Africa |
| 10:05 - 10:20 | Questions and Discussion |
| 10:20 - 10:50 | Tea (sponsored by Nelson Mandela University) |
| 10:50 - 11:00 | A word from the Gold Sponsor Forestry Plant and Equipment |
| 11:00 - 11:20 | Results of the 4 th South African Forest Engineering Technical survey Flora Mathelele, Nelson Mandela University, South Africa |
| 11:20 - 11:40 | Using technology to monitor motor-manual machine utilisation Johan Kruger, Husqvarna, South Africa |
| 11:40 - 12:00 | Digitising biomass harvesting in Namibian woodlands Michal Brink, CMO, South Africa |
| 12:00 - 12:20 | Proper costing of chipping operations: estimating service life, resale value and maintenance cost Raffaele Spinelli, CNR IVALSA, Italy |
| 12:20 - 12:35 | Questions and Discussion |
| 12:35 - 13:35 | Lunch (sponsored by Mondi) |
| Theme 2 | Forest engineering research results in practice, Session Chair: Kuda Phairah |
| 13:35 - 13:45 | A word from the Gold Sponsor - Ponsse |
| 13:45 - 14:05 | Moving from manual to mechanised operations – a small contractor perspective Bongani Nkosi, Shosholoz Forestry, South Africa |
| 14:05 - 14:25 | Using ligno sulphate for surfacing on plantation roads Eric Schubert, Sappi, South Africa |
| 14:25 - 14:45 | The use of telematics in the transport Industry Francois Oberholzer, FSA, South Africa |
| 14:45 - 15:05 | Understanding the effect of tree size on harvester productivity using machine StandForD 'big data' Simon Ackerman, Stellenbosch University, South Africa |
| 15:05 - 15:20 | Questions and Discussion |
| 15:20 - 15:50 | Tea |
| 15:50 - 16:00 | A word from the Gold Sponsor – Bell equipment |
| 16:00 - 16:20 | Determining productivity, residual damage and costs of two alternative harvesting systems in <i>Pinus elliottii</i> thinning. Pasca Dembure, Nelson Mandela University, South Africa |
| 16:20 - 16:40 | Understanding the operator learning curve, where is a mechanised CTL operator proficient through simulator training and 'on-machine' experience Roland Wenhold, Stellenbosch University, South Africa |
| 16:40 - 16:50 | Questions and Discussion |
| 16:50 - 17:00 | Thanks and Closure |
| 17H10 | Post conference function (sponsored Bell equipment) |



SILVER and LUNCH SPONSORS



















OTHER SPONSORS



Field Day

Date: 12 April 2019
Location: MTO Klipkopje plantation (off the Pull Scar road/Klipkopje Dam road) on the road between from White River to Hazyview)
Time: 08h30 to 15h00

Static and live demonstrations of a wide range of harvesting and silviculture equipment.

| Exhibitor | Logo |
|-------------------------------------|--|
| Acumen Software (Pty) Ltd (SILV) |  |
| AfrEquip / Tigercat (PLAT) |  |
| Bell Equipment (GOLD) |  |
| Booyco Electronics (SILV) |  |
| COMPO-EXPERT Rhino AgriVantage |  |
| FAILSAFE FIRE PROJECTS |  |
| Fogmaker |  |
| Forestry Plant and Equipment (GOLD) |  |
| Hexagon Agriculture |  |
| Hino (GOLD) |  |
| Husqvarna (GOLD) |  |
| Leitner aviation |  |
| Mospare Oregon |  |
| Ponsse (GOLD) |  |
| Silvix Forestry PTY (LTD) | |
| Stihl (SILV) |  |
| Trysome Auto Electrical Engineering |  |