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Fourth Forest Engineering Conference

*Innovation in Forest Engineering -
Adapting to Structural Change*

White River, South Africa
April 5-7, 2011



Second Announcement

Fourth Forest Engineering Conference

*“Innovation in Forest Engineering –
Adapting to Structural Change”*

5-7 April 2011

Presented by:

Department of Forest and Wood Science,
Stellenbosch University and
International Union of Forest Research
Organisations (IUFRO)

Venue:

Protea Hotel, The Winkler
White River, Mpumalanga, South Africa

<http://www.sun.ac.za/forestry>



YORK TIMBERS



SA Forestry
magazine

About the Forest Engineering Conference:

Stellenbosch University, in conjunction with the International Union of Forest Research Organisations (IUFRO), is proud to announce the presentation of the *Fourth Forest Engineering Conference* during April 5-7, 2011 in White River, South Africa. The symposium, planned over three days, includes two days of plenary sessions and a field trip. The programme will consist of a number of key note addresses by invited speakers and other voluntary oral and poster contributions.

The Forest Engineering Conference (FEC), an international event held every four years, is a forum for forest engineers from around the world to share their knowledge, experience, and emerging ideas. The stewardship of the FEC lies with the international forest engineering community as a whole and this is evident since South Africa will be the fourth nation to host the FEC in as many events. This meeting follows previous successful FEC events held, in Mont-Tremblant, Canada (2007); Växjö, Sweden (2003); and the inaugural event in Edinburgh, Scotland in 1999.

Who should attend?:

This conference will be of interest to the entire international forest engineering community and, in particular, stakeholders such as forest engineering practitioners, entrepreneurs, contractors, managers, government officials, academics, students, consultants and researchers.

Conference Format:

Conference registration will open on Monday 4 April 2011 at the conference venue. The conference key note addresses are scheduled for the opening session on Tuesday 5 April, followed by a series of presentations sessions until the afternoon of 7 April. These speakers will address new technologies and scientific developments pertaining to the theme of the FEC. In addition, a field excursion is arranged for 6 April 6 in and around the Nelspruit and White River industrial forestry plantation of Komatiland Forests and York Timbers. Proceedings containing extended abstracts of papers and posters presented at the conference will be produced and distributed during the symposium.

Social events will include an ice-breaker during conference registration and a gala reception on Tuesday evening, 5 April. The Thursday luncheon will feature presentations of the awards for outstanding paper and poster. In addition, evening drives into Kruger National Park can be arranged with the hotel management once delegates arrive at the venue. Other social excursions are available through the hotel.

Invitation for papers for voluntary oral presentation:

The theme of the Fourth FEC is *"Innovation in Forest Engineering – Adapting to Structural Change."* The Department of Forest and Wood Science invites individuals to submit voluntary papers or posters on subjects pertaining to the five specific themes of the technical sessions. Other forest engineering topics, which have not been specifically mentioned, will be considered.

Technical Session Theme	Possible Topics within the theme
1. New equipment monitoring approaches	This theme could include the following: innovative (e.g. automation) time and method studies, tracking and equipment management, OR and discrete event simulation, CTI machine management solutions, robotics, simple decision support tools to help contractors, machine-system performance analysis, developing KPIs and dashboard tools
2. Man and machine interactions	This theme could include the following: who is the new forest worker, technology transfer into the work place, health and safety, contractor operations, contractor business models, a workforce for green operations, training, use of equipment simulators in training, ergonomics, developments in operator controls, making equipment maintenance and repair easier and safer
3. Harvesting systems development	This theme could include the following: developments of new harvesting equipment and systems for roundwood and biomass, integration of operations to accommodate multiple products which can include biomass harvesting, the incorporation of merchandising yards.
4. Value-chain optimization – from forest to industry/customer	This theme could include the following: optimisation value and value recovery, transport optimization modelling, planning and management, advances in value chain optimization, transport and logistics of roundwood and biomass, benchmarking, integrating market and customer information and demands into all parts of the value chain
5. Technology adaptation for specific environmental or technical demands	This theme could include the following: enhancing sustainable forest practices, logging on soft soils, steep terrain operations - minimizing environmental impacts, reduced impact logging, environmental-friendly solutions, LCA, reducing emissions and improving the carbon footprint, technologies and techniques to reduce fuel consumption, harvesting natural disaster sites.

Each submission should contain a title, followed by an abstract (maximum 250 words) and author(s) information, and indicate whether the submission is for an oral presentation or a poster. Be sure to include your e-mail address so that we can send you a notice of receipt. A review panel will evaluate your abstracts and notify you of acceptance/rejection of your proposed oral presentation/poster. **Please submit your abstract to Hannél Ham at hamh@sun.ac.za by August 15, 2010.**

Provisional programme:

This will be made available in due course.

Important preliminary dates:

Early registration deadlines	31 December 2010
Late registration deadlines	31 January 2010
Abstract submission	15 August 2010
Feedback from technical committee	30 September 2010
Extended abstract submission for proceedings	15 November 2010
Feedback from technical committee	15 December 2010

Technical Review Committee:

Pierre Ackerman	South Africa
Dirk Laengin	South Africa
Michal Brink	South Africa
Mark Brown	Australia
Reino Pulkki	Canada
Jean-Francois Gingras	Canada
Joseph Anawati	Canada
Kjell Suadicani	Denmark
Bo Dahlin	Finland
Matti Siren	Finland
Jori Uusitalo	Finland
Maryse Bigot	France
Martin Ziesak	Germany
Walter Warkotsch	Germany
Raffaele Spinnelli	Italy
Kazuhiro Aruga	Japan
Bruce Talbot	Norway
Tomas Nordfjell	Sweden
Rådström Lennart	Sweden

Registration

Registration fees are payable in South African Rands (ZAR) and should be paid according to the instructions on the registration form included in this announcement. The registration fee will be ZAR 4 000/delegate and ZAR 2 400/accompanying person, including an ice-breaker, lunches, teas and a field excursion. Students will be charged R3 400 each.

Please complete the registration form and e-mail or fax it to Hannél Ham at hamh@sun.ac.za or +27 21 808 3603. Attendance to the symposium will only be confirmed once full payment has been received.

Cancellation of registration

A 50% discount on registration fees will be payable if a cancellation request is received before 31 January 2010. We regret that no refund of registration fees will be considered after 31 January 2010.

Accommodation

The conference venue has provisionally made 80 rooms available for delegates attending the FEC. When delegates make accommodation arrangements with The Winkler, it is important to mention participation in the FEC. The Winkler Hotel will hold this block booking until the end of February 2011. Accommodation is also available at a hotel in reasonably close proximity to The Winkler and of course at a number of other hotels and guest houses in White River, Nelspruit and vicinity. The venue is approximately 10 km from White River and 20 km from Nelspruit. Suggestion on alternative accommodation will be made available shortly on the FEC website (www.sun.ac.za/forestry). We suggest that delegates make early accommodation arrangements.

Local Information:

White River and Nelspruit are both less than an hour's drive from Kruger National Park. Conference attendees may consider extending their stay to visit the park, see <http://www.sanparks.org/parks/kruger> for more information. Please note that White River, Nelspruit and Kruger National Park are in malaria risk areas. The link below provides more information on the malaria risk in this region. We advise that conference attendees inquire with their local health care provider or travel clinic to decide if anti-malarial medication is necessary.

http://www.malaria.org.za/Malaria_Risk/riskadv/General_Malaria_Info.pdf.

Sponsorship Opportunity:

The conference organizational committee invites organizations interested in sponsoring this event to visit www.sun.ac.za/forestry for more details, or to contact Hannél Ham (hamh@sun.ac.za).

Contact Information

For further information please contact Hannél Ham (hamh@sun.ac.za) or Pierre Ackerman (packer@sun.ac.za).

Fourth Forest Engineering Conference

*Innovation in Forest Engineering -
Adapting to Structural Change*

White River, South Africa
April 5-7, 2011



Registration Form

The venue is Protea Hotel, The Winkler, White River, South Africa.
Please visit the symposium website for additional information
(<http://www.sun.ac.za/forestry>)

Please complete and return this form along with payment to the Symposium manager, Mrs Hannel Ham **at either:** Fax: +27 21 808 3603 or E-mail: hamh@sun.ac.za

No cancellations, refunds or late registrations will be accommodated after 31 Jan. 2011 (see website for relevant deadlines)

1. DELEGATE CONTACT DETAILS			
Last Name:		Title (e.g. Mr/Mrs/Ms/Dr/Prof):	
First Name:			
Name on Badge:			
Organisation			
Position			
Mailing address:			
Suburb/Town			
Country/State			
Telephone (business):		Facsimile:	
Telephone(mobile/cell)		Email:	

2. SPECIAL REQUIREMNETS: Please note any specific dietary or other requirements (e.g. vegetarian meals or wheelchair access)
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3. SYMPOSIUM REGISTRATION COST
Per delegate – ZAR 4 000.00
Per student – ZAR 3 400.00
Per accompanying person – ZAR 2 400.00

PAYMENT DETAILS

*Please deposit amount payable into the following account and
Send remittance to Mrs Hannél Ham.
Fax: +27 21 808 3603 or E-mail: hamh@sun.ac.za*

Account name:	University of Stellenbosch	
Bank:	Standard Bank, Stellenbosch Branch	
Branch code:	050610 (Overseas cheques – Swift Code: SBZAJJ)	
Account number:	073006955	
Amount Paid:		Date Paid:
Method of Payment:		
<input type="checkbox"/> Cheque payment <input type="checkbox"/> Money order or bank draft <input type="checkbox"/> Credit Card		

Credit Card Payment	
Date (DDMMJJ):	
Initials and Surname:	
Identity Number / Passport Number:	
Type of Card (e.g. Diners, VISA):	
Credit Card Number:	
CVC (Additional 3 digits at the back of the card):	
Expiry Date (MMJJ)	
Date: _____	Signature: _____

I _____, the undersigned wish to register for the Forest Engineering Conference, 2011 in White River, and understand the registration terms and conditions as outlined on the Symposium's webpage <http://www.sun.ac.za/forestry>.

Date: _____

Signature: _____

Invoice Issued	Confirmed Receipt of Payment	Confirmed Registration