

# SAW TECH 2009

Sawing Technologies to Improve  
Mill Performance



9 - 11 September 2009  
Rotorua, New Zealand

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# SAWTECH 2009

www.sawtechevents.com

## DAY ONE: WEDNESDAY 9TH SEPTEMBER 2009 IMPROVING SAWMILLING EFFICIENCIES

- 8.30am** Welcome & Introduction FIEA  
*FIEA*
- 8.40am** Sawmilling—Current Overview & Key Drivers for Growth in Tomorrow's Markets  
*Dennis Neilson, Director, DANA, New Zealand*

### SESSION 1: PRIMARY LOG BREAKDOWN & SECONDARY PROCESSING

- 9.20am** Log Rotation Tracking  
A case study of a successful European operation  
*Eric Michaud, Sales Manager, Comact Inc., Quebec, Canada*
- 10.00am** Morning Tea & Networking
- 10.30am** Innovative Sawing Centre Designs from Europe  
New canter disc and double arbour log breakdown circular designs, bandsaws and electronic support systems  
*Lars Lindvall, VP, Soderhamn Eriksson, Sweden*
- 11.10am** Tooling Options for Multi-function Saw-lines  
European and Australian sawmill case studies  
*Kenneth Westermark, Sales Manager, Veisto Oy/HewSaw, Finland/John Scott, Director, Veisto South Pacific, New Zealand*
- 11.50am** Developments in Log Merchandising, Board Handling & Trimming Systems in the Sawmill  
*Juergen Schmidt, International Sales Manager, SPRINGER, Austria*
- 12.30pm** Lunch & Networking
- 1.15pm** Advancements in Curve Sawing Technologies  
Optimising sawing using internal log characteristics  
*Thomas Lang, International Sales Manager, EWD, Germany*
- 1.50pm** Developments in Secondary Breakdown Technologies  
*John Reed, International Account Manager, USNR, USA*

### SESSION 2: SAWING MACHINE CENTRE IMPROVEMENT

- 2.20pm** Designing, Constructing and Commissioning, Forest Enterprises Australia's new Mill  
An Australasian case study  
*Mike Hubbard, International Sales Manager, Optimil, Canada/Alex Wilson, GM, Wilson Engineering Systems, New Zealand*
- 3.00pm** Lumber Handling Systems  
New lumber transfer systems to boost sawn production  
*Geoff Wight, Product Line Manager, USNR Newnes McGehee, Canada*

- 3.30pm** Afternoon Tea & Networking
- 3.50pm** Managed Exhibitions – Sawmilling Equipment/ Services
- 5.00pm** Refreshments
- 6.30pm** SawTech 2009 Dinner

## DAY TWO: THURSDAY 10TH SEPTEMBER 2009 IMPROVING SAWSHOP OPERATIONS

### SESSION 3: SAW DESIGN & SELECTION

- 9.00am** Saw Steel Grade Selection  
A way to optimize your sawmilling operation  
*Jan Malmberg, Global Product Manager, Sandvik Materials Technology AB, Sweden*
- 9.40am** Correct Saw Selection and Operation  
Adjusting cutting forces and power requirements to maximise sawing accuracy  
*Warren Bird, CEO, California Saw & Knife Works, USA*
- 10.15am** Morning Tea & Networking

### SESSION 4: SAW OPERATION & MAINTENANCE

- 10.45am** Ultrasonic Cleaning of Saw tips before Sharpening  
A new concept for band and circular saws  
*Garry Owen, Managing Director, Focus 21, New Zealand*
- 11.15am** A Different Approach to Statistical QC for Sawing  
*Warren Bird, CEO, California Saw & Knife Works, USA*
- 11.45am** Machine Centre Operation – Troubleshooting to Improve Saw Performance  
*Peter Oliver, GM, Pacific Timber Engineering Ltd, New Zealand*
- 12.15pm** Lunch

### SESSION 5: SKILLS, TRAINING & REPRESENTATION – TIME FOR CHANGE – TIME FOR ACTION

- 1.00pm** Managed Exhibitions – SawShop Equipment/Services
- 2.00pm** Problem Solving  
A professionally facilitated session. Charting a course of action for developing the NZSDEA and addressing skills & training issues  
*Karl Perry, Empower Team Ltd, New Zealand*
- 3.00pm** Afternoon Tea & Networking
- 3.30pm** Problem Solving continued
- 4.30pm** Event concludes

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## DAY THREE: FRIDAY 11TH SEPTEMBER 2009 PRACTICAL WORKSHOPS/SITE VISITS

- 8.30am Sawmill Machine Alignment – Tools & Techniques that should be used in the mill**  
In-mill demonstrations using the Waiariki Institute of Technology Waipa Campus Mill, Rotorua  
(Pacific Timber Engineering, Alignment Engineering)
- 10.30am Morning tea, Waiariki Institute of Technology**
- 11.00am Site Visit: Red Stag Timber**
- 12.30pm Bar-be-que lunch, Waiariki Institute of Technology, Awarding of the 2008 Saw-Doctor and Timber Machinist of the Year**
- 1.30pm Lockwood. Viewing new automated machining centre**
- 3.00pm Day Three Concludes**

### What will the programme cover?

For sawmillers, there's no denying the fact. It's tough out there at the moment. Current market prices, reduced demand for wood products and rising raw material costs mean sawmillers are demanding more sawn outturn from their logs. There is though some good news. Because of these "tough times", plenty of standout technologies have recently been developed to assist local wood producers improve their sawing efficiencies.

### What is SawTech 2009?

SawTech programmes for over twelve years have set the benchmark for updating New Zealand and Australian companies on the very latest sawing technologies. SawTech 2009 will again be showcasing the best

technologies; technologies that are suited to both the local industry and to the wood resource being processed. For sawdoctors and sawmill production staff, low cost tools to enhance the design, selection, maintenance and operation of saws will be discussed in detail.

As with previous programmes, SawTech 2009 is divided into three distinct days. Day one concentrates on improving sawmilling efficiencies – from log merchandising through to lumber sorting and stacking. Day two concentrates on the selection and operation of saws, both circular and bandsaws. The third day is a mixture of practical "hands-on" sessions in a mill along with site visits to two of the more "talked about" wood processing operations in the CNI.

### Who should attend?

Sawdoctors, sawmill & production managers, supervisors, engineering, maintenance and operational staff. Equipment, product and service suppliers to the industry will also benefit from this series.

**Venue:** Novotel Rotorua Lakeside, Tutanekei St, Rotorua

**Accommodation:** A special room rate of \$165 (incl GST) has been negotiated at the Novotel Rotorua Lakeside. There is also a special room rate of \$129 (incl GST) for the adjoining hotel, The Ibis Hotel Rotorua. These rates are only available if you state you are attending the SawTech 2009 conference. For room reservations for both hotels please book directly on (+64) 7 346 3888 or email h1874-re01@accor.com. Other accommodation is readily available within a short walking distance and can be found on [www.rotoruanz.com](http://www.rotoruanz.com)

**Presented by:** Forest Industry Engineering Association (FIEA), a division of Innovatek Ltd. Please note that FIEA reserves the right to change the programme, if required, without prior knowledge to event delegates.

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### Supported By



NEW ZEALAND SAWDOCTORS EDUCATIONAL ASSOCIATION

Novotel Rotorua Lakeside, Tutanekai St, Rotorua, New Zealand  
**Conference Registration Form**  
**Australasian Series - New Zealand Programme**

## SPECIAL Early Bird Discount: Register BEFORE Friday 7 August 2009

Discounts for FIEA & New Zealand Sawdoctors Educational Association Members

Delegate Details:

Name	Position	E-mail	(Tick Option)	
			Conf	Dinner
Company:				
Postal Address:				
Tel:		Fax:		

Programme Rates:

Activities	Rate Per Delegate	# of Delegates	Total
Early Bird Rate (Before 7 Aug) - Conference per Delegate (9 - 10 Sept):	NZ\$660		\$
Standard Rate (After 7 Aug) - Conference per Delegate (9 - 10 Sept):	NZ\$760		\$
3rd day practical workshop/field visits - per Delegate (11 Sept):	NZ\$140		\$
Conference Dinner	NZ\$60		\$

SUBTOTAL	\$
+ GST (12.5%)	\$
GRANDTOTAL	\$

- All prices are GST Exclusive.
- **FIEA Members discounts** of up to **25%** apply off the standard rate. Membership status can be checked by calling our FIEA offices.
- Members of the **New Zealand Sawdoctors Educational Association** receive a **20% discount** off the standard rate. Membership status can be checked by calling our FIEA offices.
- To be eligible for the early bird rate, registrations must be received by **FIEA by Friday 7 August 2009**.
- The registration cost covers morning and afternoon teas, lunches and refreshments and copies of the detailed programme proceedings.

**Note:** Because of the expected interest in the programme, 50% of the fee will be refunded for late cancellations if notice is received before **Friday 4 September 2009**. Cancellations after this date will not qualify for a refund. However, other persons within the same company can attend in place of the cancelled registered delegate.

Payment:

<input type="checkbox"/> Cheque payable to Forest Industry Engineering Association enclosed, or
<input type="checkbox"/> Direct credit our Westpac Account: 031552-0257749-00, or
<input type="checkbox"/> Please debit my MasterCard/Visa/Amex (circle one)
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Forest Industry Engineering Association,  
PO Box 6150, Rotorua 3043, New Zealand  
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FOR MORE INFORMATION:

Contact us on (+64) 7 921 1383  
OR register electronically on  
www.sawtechevents.com

If you are interested in sponsorship or display opportunities at this event contact:  
Gordon Thomson, Ph: (+64) 7 921 1384  
Email: gordon.thomson@fiea.org.nz