



## CRC for Forestry Harvesting and Operations workshop: MACHINE EVALUATION ON THE FRONT LINE



The CRC for Forestry, Harvesting and Operations Programme is excited to present this half day workshop to help frontline managers make the most of their valuable time when determining machine productivity and cost. Operators and the machines they operate are the key drivers of forest operations and a variation as small as five per cent in productivity or utilisation can be the difference between a profitable operation and failure.

One of the keys to ensuring that you are on the profitable side of that line is to be able to quickly identify issues, accurately assess them and act on the knowledge gained.

With the experience and knowledge of the instructors Ernie Heidersdorf, retired research director from FERIC in Canada, and Mauricio Acuna, CRC for Forestry researcher; the participants will be:

- Shown the basics of machine evaluation
- Provided techniques and methods for effective operational machine evaluation
- Shown how to identify the need for basic evaluation vs. detailed assessments
- Provided information on and, in some cases, access to tools for simple machine evaluation calculations including the CRC for Forestry ALPACA machine productivity and costing model
- Introduced to onboard tracking technologies to assist in machine management



### Who should attend?

- Harvesting planners
- Harvest operations managers
- Operations supervisors
- Contractors

### When and where:

- 1 May, Commodore on the Park, Mount Gambier, SA
- 8 May, Motel Le Grande, Albany, WA
- 15 May, The Grange, Campbell Town, TAS



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## Workshop contents:

Understanding the issue

Collecting useful information in an operational setting

- Snapshot
- Shift-level assessment
- Onboard computers/data loggers
- Detailed time studies

Acting on the knowledge gained

## Schedule

	Mt Gambier	Albany	Campbell Town
Registration	12pm-1pm (incl. lunch)	10-10:30am (incl. tea/coffee)	12pm-1pm (incl. lunch)
Workshop	1pm-4:30pm	Part one: 10:30-12:30 Lunch: 12:30-1:30pm Part two: 1:30-3:30pm	1pm-4:30pm



**Ernie Heidersdorf, P. Eng.**, from Canada, has been involved in operational evaluation of forestry equipment for his entire 36 year career and as lead instructor of the workshop, he looks forward to sharing some of that experience with you. Ernie started his career in 1972 at the Pulp and Paper Research Institute of Canada (Paprican), moved to the Forest Engineering Research Institute of Canada (FERIC) at its inception in 1975 and progressed to Research Director of the Eastern Division by 1988. As research director he was responsible for the technical aspects of the development, conduct and implementation of FERIC Division's research delivered by over 30 professional research staff and ensuring it fit with the needs and expectations of forest industry clients and partner organisations and agencies, until his retirement earlier this year.



**Dr Mauricio Acuna** from CRC for Forestry, Harvesting and Operations Programme Three, has been involved in harvesting, roading, and transportation research for more than 14 years. With a Bachelor in Forest Engineering and a Master in Operations Research, Mauricio started his career in Chile in 1994 working as harvesting and transportation research engineer. In mid 2003, Mauricio moved to the USA to pursue a PhD in Forest Engineering at Oregon State University, graduating in 2006. Since November 2006, Mauricio is been working for CRC for Forestry Harvesting and Operations Programme Three as a

Research Fellow, leading projects on harvesting productivity and costs, and developing an optimal logging truck scheduling system.



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**MACHINE EVALUATION ON THE FRONT LINE**

**REGISTRATION FORM**

FAX THIS PAGE TO: David Page (03) 6226 7942 *OR*

Email your registration details, as below, to: [David.Page@crcforestry.com.au](mailto:David.Page@crcforestry.com.au)

**Location:**

- 1 May, Commodore on the Park, Mount Gambier, SA
- 8 May, Motel Le Grande, Albany, WA
- 15 May, The Grange, Campbell Town, TAS

**Fees:**

CRC Partner organisation or company and contractors	\$30
Non-partner organisation or company	\$150

**Registrant information:**

Name: \_\_\_\_\_  
Company: \_\_\_\_\_  
Title: \_\_\_\_\_  
Address: \_\_\_\_\_  
\_\_\_\_\_  
Phone: \_\_\_\_\_  
Fax: \_\_\_\_\_  
Email: \_\_\_\_\_

**Payment information:**

- Credit card (you will be contacted by phone to complete the payment)
- Please invoice for payment