



**Proceedings  
of the  
Australian  
Society  
of  
Sugar Cane  
Technologists**

2006  
MACKAY  
28<sup>th</sup> Conference

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PROCEEDINGS

of the

2006 CONFERENCE

of the

Australian Society

of

Sugar Cane Technologists

held at

MACKAY, QUEENSLAND

from 2 May to 5 May 2006

Edited by D.M. HOGARTH

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ISSN 0726-0822

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## TWENTY-EIGHTH CONFERENCE MACKAY, 2006

### PROGRAM

The Official Opening, Annual General Meeting, General Sessions and some Technical Sessions of the Conference will be held at the Mackay Entertainment Centre (MEC), Gordon Street. The balance of the sessions will be in the adjacent Senior Citizen's Hall while the Industry Equipment Exhibition will be held in the foyer of the MEC.

### TUESDAY, 2 MAY 2006

Registration at the Mackay Entertainment Centre, Gordon Street from 7.30 a.m.

#### MORNING SESSION—9.00 a.m.

Chairman: Mr Frank Forzatti

### OFFICIAL OPENING OF THE CONFERENCE

By

**Professor James Dale**  
Director of the Centre for Tropical Crops & Biocommodities,  
Queensland University of Technology

10.00 a.m.—10.30 a.m. Morning tea

#### GENERAL SESSION Chairman: Mr A. Barfield

Paper	10.30 a.m.—11.00 a.m.	Viability of sugar mill cogeneration projects, by J.J. Hodgson and B. Hocking .....	1
Paper	11.00 a.m.—11.30 a.m.	Petrol pricing in Australia and the opportunity to supply ethanol from sugarcane and other raw materials, by Malcolm Wegener and Fabio de Campos Queiroz .....	12
Paper	11.30 a.m.—12.00 noon	A new opportunity to pulp bagasse in Australia? by G. Covey, T.J. Rainey and D. Shore .....	22
	12.00 noon	Official opening of the Industry Equipment Exhibition	
	12.30 p.m.—1.30 p.m.	Lunch	

**AFTERNOON SESSION—1.30 p.m.**

**GENERAL SESSION**

Chairman: Mr C. Norris

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Paper: 2.00 p.m.–2.30 p.m.	Value chain analyses of whole crop harvesting to maximise co-generation, by P.J. Thorburn, A.A. Archer, P.A. Hobson, A.J. Higgins, G.R. Sandell, D.B. Prestwidge, B. Andrew, G. Antony, L.M. McDonald, P. Downs and R. Juffs .....	37
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**GENERAL SESSION**

Chairman: Mr A. Barfield

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Paper: 4.30 p.m.–5.00 p.m.	Understanding the adoption of knowledge intensive technologies in the Australian sugar industry <sup>2</sup> —a pilot study, by Y. Everingham, E. Jakku, G. Inman-Bamber, P. Thorburn, T. Webster, S. Attard and G. Antony ....	76
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Chairman: Mr C. Norris

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AGRICULTURE SESSION

Chairman: Mr D. Burgess

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Chairman: Mr D. Burgess

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Chairman: Dr P.R. Samson

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Chairman: Dr P.R. Samson

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Chairman: Mr D. Burgess

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Chairman: Mr D. Burgess

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AGRICULTURE SESSION

Chairman: Dr P.R. Samson

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Chairman: Mr L. Cripps

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FRIDAY, 5 MAY 2006

MORNING SESSION—8.00 a.m.

AGRICULTURE SESSION

8:00 a.m.–11.00 a.m. Agricultural delegates visit: BSES Field Day

MANUFACTURING SESSION

Chairman: Mr C. Pozzetti

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MANUFACTURING SESSION

Chairman: Mr L. Cripps

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11.30 a.m.–12.00 noon Closing ceremony

Following the Closing Ceremony, there will be an SRDC-sponsored workshop for delegates who register their interest with SRDC.

1.00 p.m.–5.00 p.m. Trash and Bagasse Utilisation Workshop.  
The Lynnette Denny Space, Mackay Entertainment Centre