

DIE SUID-AFRIKAANSE INSTITUUT  
VAN LANDBOU-INGENIEURS



THE SOUTH AFRICAN INSTITUTE  
OF AGRICULTURAL ENGINEERS

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## ***Newsletter June 2005: Continuing Professional Development Event 2005***

***21 and 22 September 2005***

Dear members

The Natal branch of the SAIAE is hosting the 2005 Continuing Professional Development Workshops from 21 to 22 September 2005. The aim is to provide engineers and relevant parties information on the latest developments on selected topics, and as part of the Institute's support to members to acquire points in the near future as proposed by ECSA. The venue is the University of KwaZulu-Natal, Pietermaritzburg Campus. Registration details will reach you shortly and is also available on our website at <http://www.saili.co.za>

Interesting new first time topics for 2005 include a session on engineering consulting, strategic approach to farming success and value and supply chains. New innovation for emerging farmers will also keep all up to date. This promises to be an event of note.

### **The proposed program at a glance:**

**Tuesday, 20 September 2005:** Registration and welcoming cocktail event

**Wednesday, 21 September 2005:**

**Day:** Plenary session and parallel workshops

**16:00** Annual General meeting

**18:30** CPD gala dinner

**Thursday, 22 September 2005:**

**Day:** Parallel workshops

**Friday, 23 September 2005:**

Tractor performance optimisation

**Different topics to be covered:**

<b>Session topic</b>	<b>Session Leader</b>	<b>Duration</b>
<b>Plenary session 1:</b> Energy - the future in SA	Dr Brian Purchase	40 minutes
<b>Plenary session 2:</b> Water – the future in SA	Prof Roland Schulze	40 minutes
<b>Plenary session 3:</b> Food processing – the future in SA	Mr Andrew Murray	40 minutes
<b>Parallel sessions:</b> <b>Environment:</b> <ul style="list-style-type: none"> <li>▪ Environmental Impact Assessments</li> <li>▪ Vegetation use in the rehabilitation of mine, domestic and industrial wastes</li> </ul>	Dr Luke Sandham Prof Simon Lorentz	½ day ½ day
<b>Water:</b> <ul style="list-style-type: none"> <li>▪ Acru Agrohydrological Modelling System</li> <li>▪ Flood estimation design using visual SCS-SA</li> <li>▪ Impact of climate change on water resources</li> </ul>	Prof Jeff Smithers Prof Jeff Smithers Prof Roland Schulze	Day ½ day ½ day
<b>Farming Systems:</b> <ul style="list-style-type: none"> <li>▪ Tractor performance optimization</li> <li>▪ Mechanisation planning</li> <li>▪ Grain handling and storage</li> <li>▪ Precision agriculture in SA</li> </ul>	Mr Johan Fuls Mr Johan Fuls Mr Don Goddard Me Ntsikane Maine	Day ½ day ½ day Day
<b>Food Engineering:</b> <ul style="list-style-type: none"> <li>▪ Hygienic design of food processing plants</li> </ul>	Mr Andrew Murray	Day
<b>Professional practice:</b> <ul style="list-style-type: none"> <li>▪ Strategic approach to farming success</li> <li>▪ Engineering consulting</li> </ul>	Dr Wimpie Nell Mr Mark Zartmann	Day ½ day
<b>Emerging farmers:</b> <ul style="list-style-type: none"> <li>▪ Emerging farmer innovation</li> </ul>	Mr Kobus van Rensburg	Day
<b>Other hot topics:</b> <ul style="list-style-type: none"> <li>▪ Value and supply chains</li> </ul>	Dr Esbeth van Dyk	½ day

Register for the event, partake in the information transfer, network and come and enjoy the process.

Kins SAIAE regards

Louis Lagrange