

# Conference Program

**Friday 4th September 2009—Mawson Lakes Hotel, Adelaide, South Australia**

- 08:30 Registration
- 08:50 Welcome
- 08:55 Word from our sponsor
- 09:00 Use of EM38 and gamma-ray spectrometry as complementary sensors to map soil properties and aid management  
Mike Wong, CSIRO
- 09:30 In practice: Commercial experience with EM38 and gamma-ray spectrometry: Selecting the site for soil moisture sensors  
Michael Wells, PCT
- 09:50 Monitoring soil moisture in broad-acre cropping  
Greg Butler, SANTFA
- 10:10 SPAA Annual General Meeting
- 10:40 Morning tea and View Sponsor Trade Exhibits**
- 11:10 Measuring crop attributes with spectral information  
Glenn Fitzgerald, Vic DPI
- 11:40 Calibration approaches for active crop sensors  
Jim Schepers, USDA ARS
- 12:10 Using historical yield and soil maps with crop reflectance sensors to improve N recommendations  
Brett Whelan, Sydney University
- 12:30 Premium sponsor presentations
- Topcon
  - John Deere
  - Case IH—New Developments in Precision Agriculture from Case IH include the field manager and RTK network installations
  - GPS-Ag

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**13:10 Lunch and View Sponsor Trade Exhibition**

14:00 Application of Precision Viticulture tools: Digital Elevation Models and frost planning  
Richard Hamilton, Fosters Group Ltd

14:30 On-line grain protein content  
Brett Whelan, Sydney University

14:50 In practice: SA results from grain protein monitoring  
Michael Wells, PCT

15:00 Premium Sponsors Trade Talks  
- NIR Technology Systems—NIR Technology Systems designs and manufactures NIR analyser for the grains industry, including portable, benchtop and on combine analysers for measuring protein, moisture and oil in cereals and oil seeds.

- Apogee Imaging International—Use of High Resolution and Digital elevation models for agribusiness and integration into nextimage to support farm management and agribusiness

- Landmark

**15:30 Afternoon tea and View Sponsor Trade Exhibits**

16:00 Inter-row sowing: Issues that affect implement tracking  
Ed Cay, GPS-Ag

16:20 Multiple benefits from inter-row sowing with 2cm RTK GPS  
Matthew McCallum, McCallum Agribusiness Consulting

16:40 Continuously Operating Reference Station (CORS) GNSS networks: A superior infrastructure for precision agriculture  
Craig Roberts, University of NSW

17:00 Close SPAA President

**From 17:00 PA Connections at Mawson Lakes Hotel**