

# PAANZ Workshop Technology to reduce N leaching

## FOR ALL DAIRY AND ARABLE FARMERS

If you're under pressure to mitigate N leaching, and improve efficiency and profitability on farm, then this workshop is for you.

**DATE:** Friday 18 March 2016

**VENUE:** Hotel Ashburton, Racecourse Rd, Ashburton, Canterbury

**TIME:** 10am - 4pm

**COSTS:** Attendees \$50 per person

Register here: [paanz-workshop.lilregie.com](http://paanz-workshop.lilregie.com)

Register by: 11 March 2016



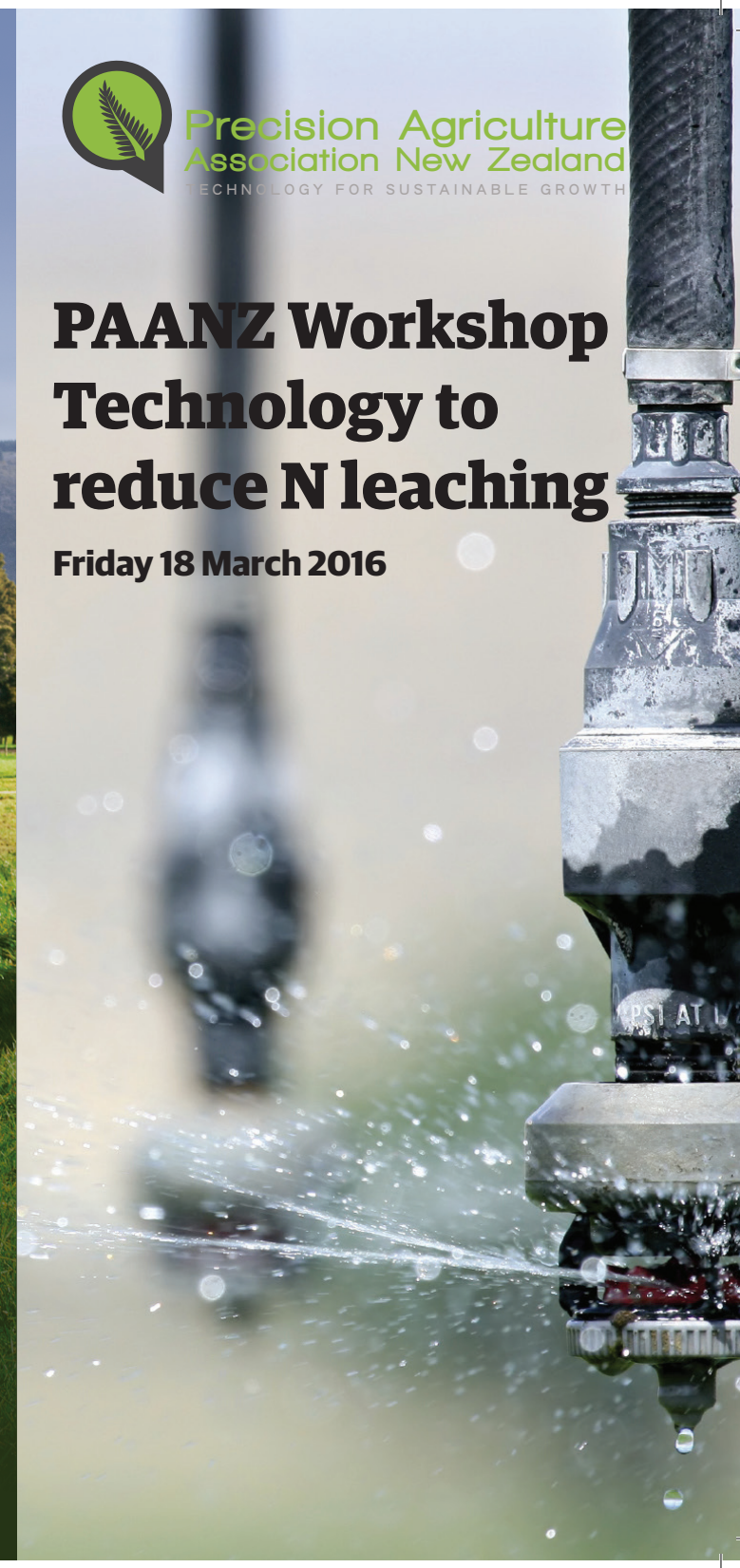
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# Programme

**START TIME : 10am**

**Workshop Chair**

**Mike Manning PAANZ committee member**

**Welcome**

**Craige Mackenzie PAANZ Chair**

**SESSION 1: 10.15am - 12pm**

- **Andy Macfarlane**

"Where are we and what can we do with Canterbury nitrate leaching limits."

- **Profs Keith Cameron and Hong Di**

"What soils and what farming activities are leaching hot spots and why."

- **Dr Carolyn Hedley with Prof Ian Yule**  
**The ability of EM and Variable rate irrigation to reduce N leaching**

Case study on risks, costs, benefits and providers as to what can be achieved in reducing nitrate leaching.

- **Dr Tony Davoren**  
**The ability of soil moisture sensors, irrigation scheduling and water metreing to reduce N leaching**

Case study on costs benefits risks and providers.

- **Dr Ants Roberts**  
**Nitrogen Fertilisers**

Applying the right amount at the right time and what happens to N leaching when we get it wrong.

- **Dr David Chapman**  
**Farm Systems**

What dairy farm systems can one adopt to materially reduce the nitrate leaching whilst maintaining or improving profitability.

**LUNCH: 12pm - 1pm**

**SESSION 2: 1pm - 3pm**

Attendees have time to engage with trade presenters eg. - Agrioptics, Spreading Canterbury, variable rate irrigation companies, moisture sensing companies, nutrient budget providers etc.

**SESSION 3: 3pm - 4.15pm**

- **Prof Ian Yule**  
**Emerging PA Technologies in 1 to 3 years to reduce Nitrogen Leaching**

**Emerging PA Technologies in 3 to 8 years to reduce Nitrogen Leaching**

- **Dr Paul Johnstone**  
**Flux meters in arable systems**

**CLOSE and THANKS: Craige Mackenzie**