

# ADVANCES IN KNOWLEDGE & TECHNOLOGIES FOR AGRICULTURE CONFERENCE

Wednesday, 10 June 2015  
Tullamore Court Hotel, Co. Offaly



# CONFERENCE PROGRAMME

09.00: Registration

09.30: Opening address from Teagasc – *Prof. Gerry Boyle, Director, Teagasc*  
Opening address from UCD – *Prof. Orla Feely, Vice-President for Research, Innovation and Impact, UCD*

## SESSION 1: ANIMAL IMPROVEMENT

**Chairperson:** Mr. Michael Berkery, Chair of National Agriculture, Research, Education and Innovation Partnership

- 09.50: Genomics to increase animal productivity  
*Dr. Donagh Berry, Teagasc*
- 10.15: Timing of parturition in beef cattle – control and consequences  
*Dr. Marijke Beltman, UCD School of Veterinary Medicine*
- 10.40: Evaluating by-products for inclusion in ruminant and monogastric diets  
*Dr. Tommy Boland, UCD School of Agriculture and Food Science*

11.05: Tea/Coffee

## SESSION 2: ENVIRONMENT & SOILS

**Chairperson:** Dr. David Beehan, Chief Agricultural Inspector, Department of Agriculture, Food and the Marine

- 11.35: Advancing knowledge in soils and nutrients  
*Dr. Rachel Creamer, Teagasc*
- 12.00: Phosphorous and water quality in an intensive dairy catchment: managing for production and environmental outcomes  
*Dr. Paul Murphy, UCD School of Agriculture and Food Science*
- 12.25: Fertiliser technologies for improved efficiency and reduced gaseous emissions  
*Dr. Patrick Forrester, Teagasc*

12.50: Lunch



Responding to the needs of the Irish agri-food industry for world class research, education and innovation programmes, UCD and Teagasc actively collaborate under the National Agricultural Research, Education and Innovation Partnership on applied agricultural research projects. This research aims to enhance the competitiveness and sustainability of farming and the agri-food industry.



## SESSION 3: ADVANCES IN MEASUREMENTS

**Chairperson:** Mr. Jack Kennedy, Deputy Editor and Dairy Editor, Irish Farmer's Journal

- 14.20: The potential for a precision agriculture approach to crop monitoring and management in an Irish tillage context  
*Dr. Kevin McDonnell, UCD School of Agriculture and Food Science*
- 14.45: Technologies to enhance data precision for and automation of grazing management  
*Dr. Bernadette O'Brien, Teagasc*

## SESSION 4: COPING WITH CHANGE

**Chairperson:** Mr. Eoin Lowry, President of Agricultural Science Association

- 15.10: Updated approach to encourage farmer active participation in financial self-awareness  
*Mr. Kevin Connolly, Teagasc*
- 15.40: Risk and Resilience in Milk Production Following Quota Abolition  
*Prof. Alan Renwick, UCD School of Agriculture and Food Science*
- 16.00: Summary/Close of Conference

This conference is a valuable opportunity for professionals working in the agri-food industry, agricultural science graduates, and leading farmers, to get updated on new technologies and opportunities for innovation emerging from the latest agricultural research carried out by Teagasc and UCD which have national and international application.

The conference is organised by Teagasc and UCD in association with the Agricultural Science Association.





## REGISTRATION

### Conference Fee:

- €40 ASA members
- €50 non-members

(Fee includes lunch)

Please register by Friday 4 June

Register online at:

[www.asaireland.ie/events/advances-in-knowledge-and-technologies-for-agriculture-conference](http://www.asaireland.ie/events/advances-in-knowledge-and-technologies-for-agriculture-conference)

For more information please contact:

Agricultural Science Association Irish Farm  
Centre, Bluebell, Dublin 12, Ireland

Tel: 01 460 3682 Email: [info@asaireland.ie](mailto:info@asaireland.ie)

[www.asaireland.ie](http://www.asaireland.ie)