

Innovative and disruptive technologies for Agri-food supply chains

1–2 May 2018

The Slate, Warwick Conferences, Warwick University CV4 7SH

Disruptive technologies have transformed the way we do business, the way we travel and how we access information and services.

Recent well-known disruptors include Uber, now the biggest taxi company in the world and Airbnb, the biggest 'hotel' chain in the world. They rely on smart-phone apps, public data, Google Alphabet systems and cloud-server data processing.

Innovation in Agri-food business has affected processes from farm to fork but is there more we can do?

Gene editing is enabling focussed crop protection and designer foods with enhanced nutrients from animals and plants with increased resilience. The use of robotics and artificial intelligence is advancing by the day with mechanical harvesting and hands-free technology commonplace on farm.

Blockchain is a decentralised technology that is having an impact through greater transparency, trust and traceability. These systems have the potential to reach back into farming to link the growing use of data in decision support systems and productivity monitoring.

There are new opportunities open to us that may accelerate the uptake of innovative technologies and our industry must adapt quickly to exploit them.

DAY 1

11.30 Registration

12.00 Buffet lunch & Networking

13.30 Welcome from Lord Curry of Kirkharle

SESSION 1: Accelerating Agri-Food Innovation through Cooperation

Chair: David Gardner, CEO, RASE

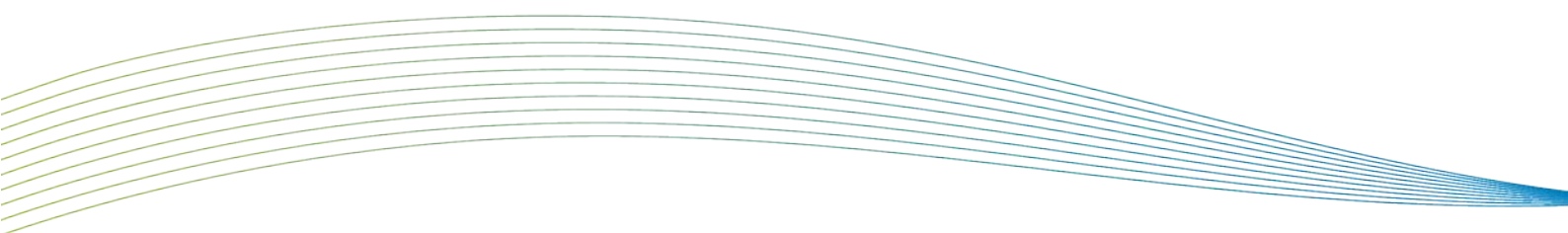
13.45 The Industrial Strategy & the Agri-Food Challenge
Sir Peter Kendall, Chair, AHDB

14.15 Innovation Acceleration
Angela Karp, Director for Science Innovation, Engagement and Partnerships, Rothamsted

14.45 BREAK (and check-in for those staying overnight)

15.15 Today's technology, tomorrow's farm
Simon Blackmore, Head of Robotic Agriculture, Harper Adams

15.45 Accelerating innovation and enterprise in agri-food through cooperation
Calum Murray, Innovate UK



DAY 1 (Continued)

- 16.15** Panel Discussion
All speakers
- 16.45** Summary
Lord Curry of Kirkharle
- 17.00** Conference close
- 18.30** Research Poster Display & Drinks Reception
- 19.30** Evening Dinner (Evening dress code informal)
Evening address: Guest speaker

DAY 2: Disruptive Technologies – What are the opportunities?

SESSION 2: Disruptive technologies in Agri-Food

Chair: Ian Noble

- 09.05** Technologies that will change our world
Richard Dobbs, McKinsey Global Institute
- 09.25** Blockchain, is it going to be any good for us?
Beth Kewell, University of Surrey
- 09.45** Disruptive technologies and the food giants. Look Out!
Paul Armstrong
- 10.05** Innovation in Practice
Karen Covey, Cambridgeshire Farms, G's

10.30 BREAK

SESSION 3: Innovations from other sectors – what can we learn?

Chair: Ian Wright

- 11.00** Food & Drink Federation's view of the challenges ahead and how technology could address them
Ian Wright CBE, CEO of FDF
- 11.25** A NZ perspective - what can we learn or share?
Julian Gairdner, Rezare Systems UK Ltd
- 11.45** Why a What Works Centre could work for us
Jen Gold, The Cabinet Office
- 12.05** Panel discussion
- 12.30** Summary & closing remarks
Nigel Scollan, Queen's University Belfast

13.00 LUNCH

Conference close

