

2018 PROGRAMME

This year's Conference takes on a new format, with an exhibition showcasing the latest technology in robotics and breakout sessions with our sponsors throughout the morning, followed by the Conference featuring a number of engaging speakers in the afternoon – we hope that you can join us all day.

10am *Exhibition opens & Show & Tell begins*

12pm *Buffet lunch*

1pm *Introduction* from **Robert Borill, Chairman**

1.15pm to 2.45pm *Hands free hectare* Kit Franklin, Harper Adams University
Robotic technology for the field Nigel Trevarthen, Garford Farm Machinery
Robotic palletising Nick Cesare, PACE material handling
Robots are the future! Pal From, University of Lincoln

2.45pm *Break*

3.15pm *Educating our consumers of tomorrow* (video)
Jason O'Rourke, Washingborough Academy

3.45pm *Machinery on tomorrow's farm, how does it fit?*
Chris Sheldon, Brown & Co
Drones and how to make them work for you
Nick Strelczuk, Omnia

4.30pm *Keynote speaker: Robots in the food sector*
Mike Wilson, ABB Ltd.

5.00pm *Conference ends*
Impact Group reception begins and bar opens

6.00pm *Stands close*



TICKET INFORMATION

Adults £15 | Students £6 | LAS Members Free

To book your place, visit
lincolnshireshowground.co.uk



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Kit Franklin
Harper Adams University

Kit Franklin is an Agricultural Engineering Lecturer from Harper Adams University.

Kit's research focuses on 'future farming systems' with the most notable project to date being the Hands Free Hectare. As co-creator and co-investigator he successfully managed the day-to-day running of the Innovate UK backed project which set out to achieve a world's first; using automated machines to grow the first arable crop remotely, without operators in the driving seats or agronomists on the ground.

Nigel Trevarthen
Garford Farm Machinery

Nigel Trevarthen is Electronic Systems Manager at Garford Farm Machinery. An electronic engineer by training, he has spent much of his career developing software for control systems for R&D, test and production applications. He has experience of developing

control systems including machine vision in a wide range of industries from aero engines and pharmaceuticals to shipbuilding and agricultural machinery.

Nick Cesare

Nick Cesare is Technical Director for Pace Mechanical Handling Ltd, a Lincolnshire based business specialising in potato handling equipment though robotics. He has 33 years' experience in the agricultural industry, and his CBC complete Bag Control Automatic paper sack closer earned him the prestigious Lamma Innovation Award for Best New Product or Innovation in 2017.

Pal From
University of Lincoln

Pål Johan From is Professor in Agri-Robotics at the Norwegian University of Life Sciences (NMBU) and the University of Lincoln. He is the head of the robotics and control group at NMBU. He is also the CEO of Saga Robotics and CTO of CBS Robotics.

From's main research areas are modelling and control of robotic manipulators and mobile robots with application to agricultural robotics. Over the last years he has worked mainly on agricultural robotics. His group has developed the Thorvald platform, a modular agricultural platform that can be used in open fields, tunnels and greenhouses. The robot is being commercialised by Saga Robotics in Norway and CBS Robotics in the UK.

Jason O'Rourke
Washingborough Academy

Jason O'Rourke is the Headteacher of Washingborough Academy in Lincolnshire. The school has gained national recognition for the curriculum it has developed which has put healthy living and food education at the forefront of children's learning.

The school is the only in-house school caterer to have achieved the Soil Associations Gold Catering Mark. They are a case

study school for the government's Childhood Obesity Plan and are the lead school in introducing the internationally acclaimed SAPERE method of Taste Education into the UK. Jason is currently studying for a Doctorate in Food Education and School Leadership.

Chris Sheldon
Brown & Co

Chris comes from an arable and beef farm near Skegness. At 16 he went to study a National Diploma in Agriculture at Riseholme College, followed by studying BSc Hons Agriculture with Farm Business Management at Newcastle University. Following his degree, Chris joined Brown and Co in June 2014.

Chris advises clients across Lincolnshire on a range of farm business matters such as business management, basic payment scheme, environmental stewardship schemes and managing contract farming agreements. Chris also has particular interest in rural grant funding and labour & machinery costings.

Nick Strelczuk
Precision Technology Specialist

Nicholas grew up in Herefordshire where his passion for all things agricultural started, he has worked on various farms of varying sizes and activities.

He started agricultural college in 2005 and worked as an auctioneer and land agent before moving into a career in precision farming in 2011. He started with an independent company called the Courtyard Partnership advising on all areas of precision technology and hardware, before moving to Hutchinsons in 2014 to become their precision technology specialist.

Mike Wilson
ABB Robotics

Mike Wilson has over 35 years' experience in the application of automation to manufacturing across a broad range of industry sectors throughout Europe, Asia and America.

Previously he has worked for both users and suppliers of automation and also as an independent consultant providing automation expertise to industry and training via Warwick Manufacturing Group. He is widely recognised as one of the leading authorities on the application of industrial robot systems in the UK.

Mike is Business Development Manager for ABB Robotics leading the drive to increase the use of robots across UK manufacturing. In addition, he is Chairman of the British Automation and Robot Association, Director of the Processing and Packaging Machinery Association, and serves on the Advisory Board of the Midlands Robotics Network.

This event is organised by the Lincolnshire Agricultural Society. Thank you for supporting our charitable objectives.

