



# New Frontiers in Crop Research

**Thursday 20 October 2016, SCI, London, UK**

Organised by SCI's AgriSciences Group and the KTN

## Synopsis

This conference will provide updates in many exciting areas of crop research, including projects underway within the BBSRC funded research-industry clubs. The event also aims to foster the interdisciplinary networking essential to innovation in the agri-food sector focused on enhancing crop yields, quality and sustainability.

## Attendees

This event is designed to appeal to academic and industrial scientists involved in all aspects of crop research, and other stakeholders interested in catching up on the latest developments.

## Registration

To register for the event, please visit [www.soci.org/events](http://www.soci.org/events)

### Delegate rates:

SCI Members and Academic Rate - £120

Non-Members - £145

SCI Student Members - £50

## Confirmed Speakers

- ▶ Jennifer Postles, BBSRC
- ▶ Ian Holmes, H2020 NCP – Sustainable Agriculture & Food
- ▶ Matthew Paul, Rothamsted Research
- ▶ David Dent, Azotic Technologies
- ▶ Gary Bending, University of Warwick
- ▶ Lionel DuPuy, James Hutton
- ▶ Toby Bruce, Rothamsted Research
- ▶ Steve Hoad, SRUC
- ▶ Jim Monaghan, Harper Adams
- ▶ Hazel Bull, James Hutton Institute
- ▶ Kay Trafford, NIAB

## Sponsors



**\* For full programme see next page**

For further information, visit: [www.soci.org/events](http://www.soci.org/events)

E: [conferences@soci.org](mailto:conferences@soci.org)

T: +44 (0)20 7598 1561

Find SCI AgriSciences on LinkedIn and Facebook



# New Frontiers in Crop Research

Thursday 20 October 2016, SCI, London, UK

Organised by SCI's AgriSciences Group and the KTN

## Programme

- 09.00 Registration and refreshments
- 09.55 Chair's introduction
- 10.00 **Overview of BBSRC's research-industry clubs and future funding opportunities**  
Jennifer Postles, BBSRC, UK
- 10.25 **Update on EU funding for crop research**  
Ian Holmes, Horizon 2020 National Contact Point – Sustainable Agriculture and Food

## Enhancing Growth and Increasing Yield

- 10.50 **Increasing wheat drought tolerance and recovery by regulating plant growth mechanisms**  
Matthew Paul, Rothamsted Research, UK
- 11.10 **Boosting crop production with natural nitrogen**  
David Dent, Azotic Technologies, UK
- 11.30 Refreshments and poster session
- 12.00 **Improving oilseed rape yield by genetic manipulation of rhizosphere exudation**  
Gary Bending, University of Warwick, UK
- 12.20 **High throughput root phenotyping and development of models to predict how crops utilise environmental resources to grow and produce yield**  
Lionel DuPuy, James Hutton, UK
- 12.40 **CROPROTECT: a knowledge exchange system for sustainable crop protection**  
Toby Bruce, Rothamsted Research, UK
- 13.00 Lunch and poster session

## Improving Quality

- 14.00 Chair's introduction
- 14.10 **Phenotyping and genetic analysis of the causes of grain skinning in malting barley**  
Steve Hoad, SRUC, UK
- 14.30 **HAPI: Multi-disciplinary approaches to improving post-harvest quality in fresh produce**  
Jim Monaghan, Harper Adams, UK
- 14.50 **Improving the processing quality of malting barley**  
Hazel Bull, James Hutton, UK
- 15.10 **Engineering starch granules in wheat**  
Kay Trafford, NIAB, UK
- 15.30 Concluding Q&A and Discussion
- 16.15 Close