

ROTHAMSTED RESEARCH
Director: Professor Achim Doberman

**A three day conference to mark the 175th
Anniversary of Rothamsted Research**

**at the Conference Centre,
Rothamsted Research, Harpenden, UK**

on 21-23 May 2018

**The Future of Long-term
Experiments in
agricultural science**



**ROTHAMSTED
RESEARCH**

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Organised by Rothamsted Research, Harpenden, Herts UK
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The Future of Long-Term Experiments in agricultural science at Rothamsted Conference Centre, Rothamsted Research, Harpenden, Hertfordshire, UK on 21-23 May 2018

OUTLINE PROGRAMME (BASIS points will be applied for)

Long-term research plays a major role in designing future agricultural systems and understanding the consequences of new practices and technologies. Worldwide, numerous long-term experiments (LTE) or other long-term research platforms have been established, following a tradition that started with the first classical long-term trials planted in 1843 at Rothamsted in the UK.

Next year marks the 175th anniversary of these trials and of Rothamsted as an agricultural research institution. On that occasion, Rothamsted Research will host an international conference to celebrate the unique role of long-term experiments in agricultural science, review lessons learned from similar studies worldwide, identify new questions to ask, and discuss new ways of doing such long-term research in the future.

The conference will be forward-looking, focusing on how long-term experiments can contribute best to the worldwide quest for a sustainable intensification of agriculture. Besides scientific presentations and debates, it will include live streaming of key sessions to a global audience, flash talks and speed-dating opportunities, visits to the long-term experiments and sample archive, and other activities.

Planned sessions

- The unique contributions of LTEs to agricultural science
- New designs, methods and tools for LTEs
- The mathematics and statistics of LTEs including mathematical modelling and databases
- Progress and future viability of the GLTEN

Tours and demonstrations will include the Classical Experiments and Sample Archive; the Electronic Rothamsted Archive (eRA).

We will be live streaming key sessions as in the recent Virtual Workshop, "Nitrogen: At the Nexus Between Food Security and Sustainability." 8 & 9 March 2017, and hosted by Michael Udvardi of the Nobel Foundation and John Peters of Washington State University, USA: <http://eu.montana.edu/nitrogensymposium/>

Accepted offers will be published as Abstracts and be available as part of the conference pack. You can submit your offer using the attached form or online at our web site: <http://www.aab.org.uk>

Click on CONFERENCES in the menu bar of the website, then ABSTRACTS, then the conference title. You can register your email and, after being sent a password, can upload your offer. Please indicate whether your offer is for a flash talk or a poster.

Deadline for submission of offers is 31 January 2018

The Future of Long-Term Experiments in agricultural science

at the Rothamsted Conference Centre,
Rothamsted Research, Harpenden, Hertfordshire, UK

on 21-23 May 2018

(BASIS Points will be applied for)

(Please tick appropriate boxes)

Please send me further details and booking forms when they become available

I wish to offer a presentation as detailed below (please indicate which)

I wish to offer a flash talk as detailed below'

I wish to have a commercial exhibit at the conference

I would be interested in sponsoring a speaker, conference proceedings or hospitality
(please call Carol Millman +44 (0)2476 574998)

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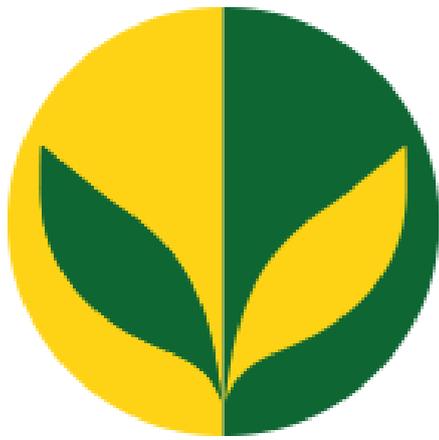
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Rothamsted Long Term Experiments Conference

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