The University of Hertfordshire invites you to our seminar on ‘Solving Challenges of Crop Protection’, as part of Agri-tech Week.

Take this opportunity to explore the innovative and cutting edge solutions being developed to improve crop protection, in the face of environmental change. The University works collaboratively on these solutions with farmers, crop protection and plant breeding companies, government research bodies and agricultural charities.

You will hear a series of presentations from researchers and industry experts on the key crop protection methodologies that are emerging, as well as best practice for accessing funding mechanisms for collaborative projects, followed by an opportunity to speak to the experts and network with other guests.

**PROGRAMME:**

- **12.00pm** Arrival & Refreshments
- **12.30pm** Networking & Lunch served
- **1.00pm**
  - A Welcome from our Pro Vice-Chancellor of Research and Enterprise, Professor John Senior
  - Research Presentations*
- **1.50pm** Tours of the new UH Science Building
- **2.00pm** Close

*Research Presentations will take place later in the day.
# RESEARCH PRESENTATIONS

**Development of an Automated Smart Trap for wheat pathogen detection**  
Dr Dan McCluskey

**Characterisation of temperature-sensitivity of Brassica napus resistance against Leptosphaeria maculans**  
Katherine Noel

**Alternative approaches to controlling nematodes: from soil to blue sky**  
Dr Keith Davies

**Challenges of disease control on oilseed rape in the UK**  
Dr Yongju Huang

---

# RESEARCH DISPLAYS & EXHIBITORS

<table>
<thead>
<tr>
<th>SUBJECT</th>
<th>EXHIBITOR</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>TOWARDS FUTURE CROP SEEDS:</strong> Genetic engineering of future crop seeds</td>
<td>Dr Cristina Barrero-Sicilia</td>
</tr>
<tr>
<td>Laser, LIDAR and MARBLE for crop protection</td>
<td>Professor Detlef Mueller/ Sam Rolfe</td>
</tr>
<tr>
<td>Strategies to control strawberry powdery mildew on protected crops</td>
<td>Dr Avice Hall</td>
</tr>
<tr>
<td>Delivering a Healthy and Sustainable Food Economy in Letchworth Garden City</td>
<td>Amelie Andre</td>
</tr>
<tr>
<td>Oilseed Rape Diseases</td>
<td>Dr Georgia Mitrousi</td>
</tr>
<tr>
<td>Understanding the interactions between Leptosphaeria maculans (phoma stem canker) and Pyrenopeziza brassicae (light leaf spot) on oilseed rape</td>
<td>James Fortune</td>
</tr>
<tr>
<td>Future climate conditions will increase disease pressure in sugar beet in the UK</td>
<td>Dr Aiming Qi</td>
</tr>
</tbody>
</table>

To find out more contact:  
Business Development Team  
be@herts.ac.uk  
01707 286406

[CLICK HERE TO REGISTER]