

# ASSOCIATION OF APPLIED BIOLOGISTS FORWARD CONFERENCE PROGRAMME

## 2008

16 December **Advances in Nematology**  
Linnean Society of London (Nematology Group)

## 2009

10-11 February **Crop Protection in Southern Britain**  
East of England Showground, Peterborough (CATE Group/Multidisciplinary)

18 February **Application Efficacy vs Spray Drift Control**  
East of England Showground, Peterborough (Pesticide Application)

2 March **Crop Protection in Vineyards**  
Plumpton College, Brighton (AAB/Joint with the Vineyards Association)

1-3 April **An International Conference - Advances in Virology**  
Harrogate International Centre, Harrogate, Yorks, UK (Virology Group)

7-8 April **The Second European Ramularia Workshop, Edinburgh 2009 - a new disease in Barley production**  
University of Edinburgh, Edinburgh, Scotland

22-23 April **Advances in epidemiology and control of rusts**  
SASA, Edinburgh, Scotland

19 May **Pesticide Application in Sport, Leisure & Amenity Areas**  
SCI HQ, Belgrave Square, London

2-4 June **Integrated Agricultural Systems: Methodologies, modelling and measuring** Scottish Agricultural College, Edinburgh, Scotland (AAB Multidisciplinary/SAC Edinburgh)

# ASSOCIATION OF APPLIED BIOLOGISTS

*President: Professor Peter J Lea, BSc, PhD, DSc*

A 1½ day workshop

at University of Edinburgh

on 7-8 April 2009

**PROGRAMME &  
BOOKING FORM**

**The 2<sup>nd</sup> European Ramularia Workshop  
- A new disease and challenge in barley  
production**



Further information about the AAB and online booking for these conferences is available on the AAB website  
<http://www.aab.org.uk>

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The Warwick Enterprise Park  
Warwick, CV35 9EF

Tel: +44 (0)2476 575195



INVESTOR IN PEOPLE



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# The 2<sup>nd</sup> European Ramularia Workshop

## - A new disease and challenge in barley production

at the University of Edinburgh

on 7-8 April 2009  
(BASIS Points have been applied for)

09.30 - 10.30 Coffee and Registration

### Session 1: Epidemiology of *Ramularia collo-cygni*

- 10.30 **Epidemiology of *Ramularia collo-cygni***  
NEIL HAVIS (Scottish Agricultural College SAC)
- 10.55 **Studying the epidemics of *Ramularia collo-cygni* in Germany and Austria with different diagnostic tools; development of field diagnostics and implications for integrated disease control**  
M HESS (Life Science Center, Weihenstephan)
- 11.20 **Ramularia epidemic dynamics in untreated trial plots: interactions with variety and other pathogens**  
NEIL McROBERTS (SAC)
- 11.45 **Occurrence and spread of a new disease, Ramularia leaf spot on winter and spring barley in Hungary**  
K MANNINGER (Plant Protection Institute Hungarian Academy of Sciences, Budapest)
- 12.10 ***Ramularia collo-cygni* in Sweden**  
ANNIKA DJURLE (Sweden)

### Session 2: Pathogenicity including the role of phytotoxins

- 12.35 **Investigating Rubellins and their role in host-parasite interaction**  
M HESS (Life Science Center, Weihenstephan)
- 13.00 **Lunch**
- 14.00 **News from the Metabolites-Complex of *Ramularia***  
S MIETHBAUER (University of Jena, Germany)
- 14.25 **Molecular, microscopic and physiological investigations of the pathogenesis of *Ramularia collo-cygni* on barley**  
A SCHÜTZENDÜBEL (University Göttingen, Germany)
- 14.50 **Impact of mlo gene in barley to *Ramularia collo-cygni* infection**  
JOANNE MAKEPEACE (John Innes Centre)
- 15.15 **Methods for artificial inoculation of *Ramularia collo-cygni* on barley and quantitative disease assessment by real-time PCR**  
HANS PINNSCHMIDT (University of Aarhus)
- 15.40 **Tea**

- 16.10 **Yield effects of ramularia leaf spot on spring barley**  
HANS PINNSCHMIDT (University of Aarhus)
- 16.35 **Varietal resistance of barley varieties to *Ramularia collo-cygni* in the Czech republic**  
V MINAŘIKOVÁ (Czech Republic)
- 17.00 **Assessing Ramularia leaf spot resistance of spring barley cultivars in the presence of other diseases**  
HANS PINNSCHMIDT (University of Aarhus)
- 17.25 **Fungicide efficacy and cultivar susceptibility of barley to *Ramularia collo-cygni***  
DANIEL CARON (ARVALIS - Institut du végétal, France)

17.50 - 18.50 **Poster Session**

### Glasshouse inoculation method for *Ramularia collo-cygni*

JEREMY GODWIN (Syngenta)

### Importance of seed-borne infection of *Ramularia collo-cygni*

MARIKA NYMAN (SAC)

### Transformation of *Ramularia collo-cygni* with fluorescence markers

AMARNATH THIRUGNANA SAMBANDAM (SCRI)

### Genetic diversity in *Ramularia* measured by AFLP

RASMUS HJORTSHØJ & ANNE ROPENHAGEN RAVNSHØJ (Aarhus University)

19.30 **Conference Dinner**

### Session 4: Disease management and forecasting

- 09.15 **Importance and management of *Ramularia collo-cygni* in France**  
CLAUDE MAUMENÉ (ARVALIS - Institut du végétal)
- 09.40 **Development of QoI resistant alleles in populations of *Ramularia collo-cygni***  
JAMES FOUNTAINE (SAC)
- 10.05 **Use of resistance elicitors to control *Ramularia collo-cygni* on spring barley**  
D WALTERS (SAC)
- 10.30 **Coffee**
- 11.00 **Fungicide strategies for the control of *Ramularia* sp. to optimise grain yield and quality on spring barley in Ireland**  
TOM MacCABE (University College, Dublin)
- 11.25 **The importance of ramularia leaf spot as a threat to barley crops in southern Britain**  
S M KNIGHT & M M SELF (The Arable Group, Norfolk)
- 11.50 **Understanding *Ramularia collo-cygni* in the past, present and future**  
SIMON OXLEY (SAC)
- 12.15 **Lunch**  
Followed by an informal discussion on the way forward with EU funding for those who would like to take part
- Depart**

# BOOKING REQUIREMENTS

**Section ONE** (VAT Reg. No: GB 326 8075 49 - Charges are VAT inclusive).

Registration includes attendance at the conference, coffee, lunch and tea, conference dinner and a copy of *Aspects of Applied Biology 92*.

**CONFERENCE REGISTRATION - (by 24 March 2009)**

Evening BBQ on 6 April 2009 .....	£12.50	.....
AAB Member .....	£155.00	.....
AAB Member (retired option) .....	£150.00	.....
AAB Student Member .....	£125.00	.....
Non-member .....	£205.00*	.....
Student non member .....	£150.00*	.....

**Late booking surcharge (after 24 March 2009)**..... £25.00 .....

**TOTAL** ..... **£**.....

**Accommodation is not included in the price**

**Section TWO**

Do you require a vegetarian menu?	YES/NO	Vegan	YES/NO
No red meat	YES/NO	Wheat intolerant	YES/NO
Dairy intolerant	YES/NO		

Please describe any other special requirements:.....

**A charge of £25.00 will be made on any cancellations. No refunds will be given after 24 March 2009.**

**Please Tick To Indicate Your Organisation Type:**

Higher Education	Private Individual
Research Institute	Government Org, e.g. Defra, PSD, CSL
Private Company	Press

The completed booking form should be returned as soon as possible with payment. Payment may be made by cheque (made payable to **AAB**) or by credit card (VISA, Mastercard or Delta). If payment is made by credit card, please complete below. Please send to: Conference Registration, AAB Office, The Warwick Enterprise Park, Wellesbourne, Warwick CV35 9EF, UK.

Card No.																			
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3-digit security code on back of card: \_\_\_ \_\_\_ \_\_\_ Expiry Date ...../.....

Cardholder's Name: .....

Cardholder's Address:.....

Signature: ..... Date: .....

# The 2<sup>nd</sup> European Ramularia Workshop - A new disease and challenge in barley production

at the University of Edinburgh

on 7-8 April 2009

## BOOKING FORM

SURNAME: ..... INITIALS: .....

TITLE (Prof/Dr/Mr/Mrs/Ms or other): .....

PREFERRED NAME FOR BADGING: .....

STATUS (Delete as appropriate):  
 AAB Member/Retired Member/  
 AAB Student Member/  
 Non-Member\*/Student Non-Member\*

MAILING ADDRESS: .....

..... POST CODE: .....

Tel No: ..... Fax No: ..... E-mail: .....

**NOTES**

1. STUDENTS. It is the Association's policy to grant reduced registration fees to students. This provision is subject to space being available and booking forms must be accompanied by a signed statement from the student's supervisor attesting that he/she is a full-time student. If students would like to apply for an AAB Student Travel Grant (travel within the UK only) please send your request in writing to the AAB Office. Forms are available on the AAB Web Page: <http://www.aab.org.uk>
2. Conferences of the Association are private but visitors are most welcome. The publishing of reports of papers given at these conferences should only be done with the permission of the organiser and the authors of the papers concerned, who may require to see proofs before this permission is given.
3. The Association would like to send you details of relevant conferences in the future. Please tick box if you do not want to receive these details
4. Please note that photographs are sometimes taken at AAB conferences which we publish in our Newsletter to members.

**Where did you learn of this conference and/or receive details?**

- |                    |                          |                          |                          |
|--------------------|--------------------------|--------------------------|--------------------------|
| Printed flier      | <input type="checkbox"/> | Organization noticeboard | <input type="checkbox"/> |
| From a colleague   | <input type="checkbox"/> | AAB/Website              | <input type="checkbox"/> |
| Email              | <input type="checkbox"/> | Via another Society      | <input type="checkbox"/> |
| Press/news article | <input type="checkbox"/> | Other                    | <input type="checkbox"/> |