



BSPP Presidential Meeting 2008 - Cereal Pathosystems -

Queen Mary, University of London
16th – 17th December 2008

Programme

16 December 2008

- 10:30** Registration and coffee
- 11:30** Ravi Singh CIMMYT (International Maize and Wheat Improvement Center), Mexico
Garrett Memorial Lecture
Durable resistance to rust diseases of wheat: from theory to breeding application
- 12:15** Bruce Macdonald ETH, Zurich
Keynote lecture
The population and evolutionary biology of fungal necrotrophs
- 13:00** Lunch

Disease management with economic and environmental constraints

- 14:00** Lise Jorgensen (University of Aarhus, Faculty of Agricultural Science, Flakkebjerg)
Controlling cereal disease with reduced agrochemical inputs, a challenge for both growers and advisors
- 14:30** Neil Paveley (ADAS, High Mowthorpe)
Traits for reduced fungicide dependence

The 'Omics world –where is it taking us?

- 15:00** Robbie Waugh (SCRI, Dundee)
Genomic dissection of phenotypic variation in barley
- 15:30** Kim Hammond-Kosack (Rothamsted Research, Harpenden)
How can molecular genetic information of plant pathogens benefit disease management?
- 16:00** Tea
- 16:30-17:00** AGM
- 17:00-20:00** Posters
- 20:00** President's Dinner
The Octagon, Queen Mary, University of London with music by Oh la la!
- 23:00** Finish
Bus to take delegates to conference hotel (picking up outside the Octagon, transporting delegates to Express by Holiday Inn, London-Stratford)

17 December 2008

8:30 Bus to take delegates to conference venue (picking up outside Express by Holiday Inn London-Stratford, transporting delegates to Queen Mary, University of London)

Intransigent diseases (sponsored by HGCA)

9:00 Richard Gutteridge (Rothamsted Research, Harpenden)
Strategies for control of take-all

9:30 Simon Oxley and Fiona Burnett (SAC, Edinburgh)
Managing rhynchosporium risk in barley

10:00 Frank Ordon (IER, Quedlinburg)
Molecular breeding for resistance to soil-borne viruses in cereals

10:30 Coffee

PH Gregory Prize

11:00 Nicola Powell (John Innes Centre, Norwich)
The genetic characterisation of adult plant resistance to yellow rust in the winter wheat cultivar Claire

11:15 Weiqi Luo (Central Science Laboratory, York)
Predicting annual and regional disease fluctuations for winter wheat — development and application of new approaches

11:30 Siân Deller (Rothamsted Research, Harpenden)
*Reactive oxygen species-related genes in the wheat pathogen *Mycosphaerella graminicola**

11:45 Timothy Simpson (Imperial College London)
*The regulation of host-specific differentiation in *Blumeria graminis**

Presidential address

12:00 Graham Jellis (HGCA, London)

13:00 Lunch

What has the past taught us, and where do we go from here?

14:00 Paul Fenwick and Simon Berry (Nickerson-Advanta, Rothwell)
Marker-assisted breeding for improved resistance to disease in wheat

14:30 John Lucas (Rothamsted Research, Harpenden)
Keynote Lecture
The final straw: crop archives and the recent history of cereal pathosystems

15:15 Awards and Farewell

15:30 Tea