

PLANT PATHOLOGY



2024



Mathematical
Institute
University
of Oxford



Plant Pathogen Surveillance and Decision Support in Action

September 13th 2024

Registration OPEN until July 15th!

- 9.20-10.00 **Kelvin Hughes** Head of APHA Inspectorate Programme, UK: From detection to destruction, action of the Plant Health & Seeds Inspectorate
10.00-10.20 **Isabelle Sims** ADAS, UK; The Defra Survey of Crop Pests and Diseases
10.20-10.40 **Joshua Koh** University of Warwick, UK: Assessing the performance of various delimiting strategies to identify the infested zones of quarantine plant pests and diseases.
10.40-11 **Matt Combes** University of Warwick, UK: Quantifying the sensitivity and specificity of visual surveillance in plant health

11-11.25 **Coffee**

- 11.25-11.45 **Avice Hall** University of Hertfordshire, UK: Developing and using a grower friendly decision support system to control Strawberry Powdery Mildew
11.45-12.05 **Mark Ramsden** ADAS, UK: Introducing the IPM Decisions Platform – a Pan-European online platform hosting decision support systems for integrated pest management
12.05-12.25 **Fabrizio Menardo** Universitat Zurich, SWITZERLAND: Population genetics and molecular epidemiology of wheat powdery mildew in Europe
12.25-12.45 **Hagit Hak** The Volcani Institute, ISRAEL: Rapid, direct, and specific on-site detection of RNA viruses in various crop plants using CRISPR/Cas13a
12.45-13.05 **Diana Bucur** Teagasc, IRELAND: Fusarium species in Irish oat crops: insights into Fusarium langsethiae and associated mycotoxin levels

13.05-14.00 **Lunch**

- 14-14.40 **Fiona Hight** SASA, UK; Monitoring, mapping, and predicting landscape-scale patterns of potato pests and diseases
14.40-15.00 **Yong-Ju Huang** University of Hertfordshire, UK: Monitor and predict phoma stem canker and light leaf spot
15.00-15.20 **James Fortune** Vegetable Consultancy Services, UK: FUSED - Integrated fusarium early diagnostic and management.
15.20-15.30 **Zaiton Sepak** Universiti Teknologi MARA, MALAYSIA: Neoscytalidium dimidiatum a new threat causing internal black rot in pineapple var MD2 in Malaysia'
15.30-15.40 **Afifah Mohamad** Universiti Teknologi MARA, MALAYSIA: Phenological observation of disease infection for Neoscytalidium dimidiatum associated with internal black spot disease of pineapple variety MD2'

15.40- 16.00 **General Discussion**