



**International Organisation for Biological and Integrated  
Control of Noxious Animals and Plants (IOBC)**

*West Palaearctic Regional Section (WPRS)*

Organisation Internationale de Lutte Biologique et Intégrée contre les Animaux et les Plantes Nuisibles (OILB)

*Section Régionale Ouest Paléarctique (SRPOP)*

## **FINAL PROGRAMME**

**TUESDAY 29 JUNE 2010**

**08.30 CONFERENCE REGISTRATION & COFFEE**

**09.00 Opening Address**

**Introduction to IOBC (LENE SISGAARD, University of Copenhagen)**

**09.30 *Keynote address***

**Landscape moderations of biodiversity patterns and processes**

**TEJA TSCHARNTKE (University of Goettingen, Germany)**

***Session 1: "Landscape features and elements of the food-chain"***

***Session Organiser: FELIX WÄCKERS (The Lancaster Environment Centre, UK)***

**10.00 Does field release of the polyphagous predator *Atheta coriaria* for biological pest control impact on biodiversity of other beetles?**

**JUDE BENNISON (ADAS Boxworth, UK)**

**10.20 Arthropod biodiversity monitoring using RBA techniques in viticulture**

**MAARTEN VAN HELDEN (ENITA Bordeaux, France)**

**10.40 Different habitats in arable land and *Fagopyrum esculentum*: their influence on aphid antagonists**

**LISA EGGENSCHWILER (Agroscope Reckenholz-Tänikon Research Station, Switzerland)**

**11.00 COFFEE**

***Session 2: "Landscapes and plants"***

***Session Organiser: WALTER ROSSING (Wageningen University, Netherlands)***

**11.30 Engineering arable landscapes to balance the pros and cons of weeds**

**GRAHAM BEGG (Scottish Crop Research Institute, Invergowrie, UK)**

**11.50 Response of the weed flora on landscape factors in a large scale agricultural region**



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MARIA JOHN (Universität Rostock Agrar- und Umweltwissenschaften, Fakultät, Institut für Landnutzung Phytomedizin, Rostock, Germany)

**12.10 Managing weed seed predation in arable fields**

PAULA WESTERMAN (Institute for Land Use, Rostock, Germany)

12.30 LUNCH

***Session 3: "Can IPM profit from landscape features?"***

*Session Organiser:* JOHN HOLLAND (Game & Wildlife Conservation Trust, UK)

**14.00 Land use intensity drives the landscape effect on host-parasitoid interactions in brassica crops**

MATTIAS JONSSON (Bio-Protection Research Centre, Lincoln, New Zealand)

**14.20 Integrated Pest management at the landscape Scale: Tracing the Tale of Cotton in the San Joaquin Valley of Central California**

PETER B GOODELL (University of California, Parlier, California, USA)

**14.40 The influence of crop management and landscape diversity on insect pest attacks**

ADRIEN RUSCH (UMR Agronomie, Thiverval-Grignon, France)

**15.0 The European learning Network on Functional agroBiodiversity: a platform for exchange between scientists, policy makers and farmers organisations**

FELIX WÄCKERS (The Lancaster Environment Centre, UK)

15.30 TEA

***Session 5: "Do models help?"***

*Session Organiser:* WOPKE VAN DER WERFF (Department of Plant Sciences, Wageningen University, Netherlands)

**16.10 Ground beetle dispersal: confronting models to data**

BAS ALLEMA (Wageningen University, Droevendaalsesteeg, Netherlands)

**16.30 Predicting the time to colonization of the parasitoid *Diadegma semiclausum*: the importance of the shape of spatial dispersal kernels for biological**



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**control**

F J J A BIANCHI (CSIRO Entomology, Indooroopilly, Queensland, Australia)

**16.50 Spatial distribution of biological pest control in agricultural landscapes – empirical data, modelling, model estimation and economic valuation of an ecosystem service**

WOPKE VAN DER WERF (Department of Plant Sciences, Wageningen University, Netherlands)

**WEDNESDAY 30 JUNE 2010**

**08.30 REGISTRATION**

***Session 6: "ENDURE: Integrated Pest Management at the landscape level: measuring and modelling"***

*Session Organisers:* ANDREW W FERGUSON<sup>1</sup> & C LAVIGNE<sup>2</sup> *Session chair:* Ian Denholm<sup>1</sup> (<sup>1</sup>Rothamsted Research, Harpenden, UK; <sup>2</sup>INRA, UR Plantes et Systèmes de culture Horticoles, F-84000 Avignon, France)

**09.00 Landscape studies for conservation biological control research: status and future needs. A meta-review from the EU NoE project ENDURE**

ANDREW W FERGUSON (PIE, Rothamsted Research, Harpenden, UK)

**09.20 A literature review on impacts of landscapes characteristics on densities of pests and on their regulation by natural enemies**

A VERES (SZIE, Plant Protection Institute, Godollo, Hungary)

**09.40 Parameter harmonisation for calculating landscape configuration effects on weed communities**

C MOONEN (Land Lab, Scuola Superiore Sant'Anna, Pisa, Italy)

**10.00 Maize weed communities composition in a highly anthropized landscape: which responding variables and landscape descriptors fit better?**

STEFANO CARLESI (Land Lab, Scuola Superiore Sant'Anna, Pisa, Italy)

**10.20 Spatial ecology of *Cosmopolites sordidus* in banana fields Landscapes**

FABRICE VINATIER (CIRAD-PRAM-UPR Systemes bananes et ananas, Lamentin, Martinique, France)

**10.40 Posters**



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10.45 COFFEE

11.15 Position paper: **Landscape and IPM: measuring and modelling**  
S. PETIT (INRA, UMR Biologie et Gestion des Adventices, Dijon, France)

11.35 DISCUSSION: Chair PHILIPPE TIXIER

12.20 LUNCH

14.00 FIELD TRIP TO GAME & WILDLIFE CONSERVATION TRUST  
DEMONSTRATION FARM AT LODDINGTON

20.00 CONFERENCE DINNER

**THURSDAY 1 JULY 2010**

08.30 REGISTRATION

**Session 7: "The contribution of uncropped land"**

*Session Organiser:* MAARTEN VAN HELDEN (UMR Santé Végétale 1065,  
INRA/ENITA de Bordeaux, Bordeaux, France)

09.00 **Perennial field margins with combined agronomical and ecological benefits  
for vegetable rotation schemes**

DAVID GEORGE (Lancaster Environment Centre, Lancaster University, UK)

9.20 **The Farm4Bio project: investigating the relationship between uncropped land  
and beneficial invertebrates**

JOHN HOLLAND (Game and Wildlife Conservation Trust, Hampshire, UK)

9.40 **Flowering field margins: optimal composition for and effect on natural  
enemies of insect pests**

PAUL VAN RIJN (University of Amsterdam, Amsterdam, Netherlands)



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**10.00 Flower Power: do wildflower strips enhance biological control in horticultural crops?**

DAVE SKIRVIN (Warwick HRI, University of Warwick, UK)

10.20 COFFEE

***Session 8: "How can landscape management be supported?"***

*Session Organiser:* BÄRBEL GEROWITT (Universität Rostock Agrar- und Umweltwissenschaftliche Fakultät, Institut für Landnutzung Phytomedizin, Rostock, Germany)

**10.50 Multi-function agricultural biodiversity and agri-environmental schemes in Australian agricultural landscapes**

GEOFF M GURR (EH Graham Center for Agricultural Innovation, Orange, Australia)

**11.10 The Mainstreaming of Biodiversity and conservation stewardship at the Yalumba Wine Company**

CECIL CAMILLERI (The Yalumba Wine Company, Angaston, Australia)

**11.30 The role of "low-input" agri-environmental schemes in the enhancement of functional biodiversity of Hungarian arable fields**

FERENC SAMU (Plant Protection Institute, Hungarian Academy of Sciences, Budapest, Hungary)

**11.50 Biodiversity of different types of south Moravian (CZ) vineyards**

MILAN HLUCHY (Biocont Laboratory Spol.SR.O, Smahova, Czech Republic)

**12.10 Enhancing functional biodiversity of vineyards by converting towards sustainable management: the European cross-border cooperation project ECOWIN.**

BERNARD KROMP (Bio Forschung, Rinnboeckstr, Austria)

12.30 LUNCH & DEPART

***POSTERS***

**Analysis of interactions between landscape and natural pear psylla antagonists - Results of a study at the German fruit growing region "Lake Constance"**



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BURKHARD GOLLA (Federal Research Centre for Cultivated Plants, Kleinmachnow, Germany) & MARTIN TRAUTMANN (KOB, Competence for Fruit Growing, Lake Constance, Bavendorf, Germany)

**Innovative methods for measuring *Orius* spp. abundance at a landscape scale**

ANDREA VERES, FERENC TOTH (SZIE, Plant Protection Institute, Godollo, Hungary), KINGA FETYKO (Hungarian Academy of Science, Plant Protection Institute, Hungary), LEVAYNE SZILVIA OROSZ (Central Agricultural Office, Budapest, Hungary), ATTILA KOTAN (SZIE, Plant Protection Institute, Godollo, Hungary)

**Identification of resource bottlenecks in agro-ecosystems, and quantifying their impact on biological pest control**

MARK RAMSDEN (Lancaster Environment Centre, Lancaster University, UK)

**Measuring the impact of crop management on crop diseases, weeds and insect pests at the landscape scale**

MARIE GOSME (UM211 Agron., INRA-Agro Paris Tech, Thiverval-Grignon, France)

**Farming practices and ecosystem services**

GEORG ANDERSSON (Dept of Environmental Sciences, University of Lund, Sweden)

**Management of habitat diversity on arable farmland to maximise control of crop pests by communities of beneficial organisms**

MARTIN TORRANCE (PIE, Rothamsted Research, Harpenden, UK)

**Wind born pollen effect on arthropod populations in agricultural fields in the northern Negev, Israel**

EITAN AMIEL (Inst. for Desert Research, Ben Gurion University of the Negev, Israel)

**Predicting the impact of sex ratio modification on the distribution and abundance of the date stone beetle**

DAPHNA GOTTLIEB (Mitrani Department of Desert Ecology, Blaustein Institute for Desert Research, Ben-Gurion University, Israel; Department of Life Sciences, Ben-Gurion University of the Negev, Israel)