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# PROFILE

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**International Organization for Biological and Integrated Control of  
Noxious Animals and Plants – West Palearctic Regional Section**

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## The Presidents Page

Dear Reader,

Under the Convention on Biological Diversity (CBD), it is now internationally recognised that countries have sovereign rights over the genetic resources within their boundaries. Agreements governing the access to these resources and the sharing of the benefits arising from their use should be established between the parties involved. This applies to all Biological Control Agents taken from one country to another. The biological control community will need to comply with whatever Access and Benefit Sharing (ABS) regime is agreed by the 10th meeting of the Conference of the Parties to the CBD in 2010.

Most of the Biological Control (BC) Community is unaware or just beginning to understand the possible implications of ABS, and it is appropriate to reiterate some basic points of the CBD relating to BC. The three objectives of the CBD are: a) the conservation of biological diversity; b) the sustainable use of its components and c) the fair and equitable sharing of the benefits arising out of the utilisation of genetic resources.

Recognizing the possible implications of the CBD on BC, the IOBC Global has created a few months ago a “Commission on Biological Control and Access and Benefit Sharing”. With support from FAO and CABI, the Commission has prepared a report which sets out to summarise the past and current situation regarding the practice of biological control in relation to the principles of access and benefit sharing, with the following objectives:

- Facilitate the practice of collection and exchange of biological control agents (BCAs) in the context of ABS;
- Inform the BC community of good ABS practice and challenges;
- Inform the ABS community (including national focal points) of BC special needs;
- Propose a workable framework for collection and exchange of BCAs to assist policy makers and practitioners.

The Commission concludes from the report that the BC community acknowledges and respects the concerns surrounding ABS and the sovereign rights of countries. ABS regulations should recognise the specific features of BC, which are:

- Countries providing BCAs are also users of this technology themselves;
- Many BCAs are exchanged, but have little recoverable monetary value;
- Organisms are not be patented, so can be used by anyone at any time;
- CBC information and to a degree ABS information are publicly shared;
- Indigenous/traditional knowledge is not involved;
- There are societal benefits for all, such as environmental and public health benefits, and reduction in pesticide use;
- BC is widely used in both developing and developed countries, often using the same BCAs;
- Most use of BC relates to food, forestry and agriculture.

In view of these specific positive features, the Commission recommends:

1. Governments should build on the existing multilateral practice of exchange of natural enemies for BC on a complementary and mutually reinforcing basis, which ensures fair and equitable sharing of the benefits of BC worldwide.
2. ABS regulations should encourage and not block the BC sector, by facilitating the multilateral exchange of BCAs.

3. Countries are encouraged to have a single point of contact to facilitate survey missions, provision of information, institutional linkages and taxonomic support and provide advice on compliance with regulations for BC, including ABS.
4. ABS in relation to BC will normally be based on non-monetary benefit sharing, e.g. capacity building, shared research programmes and/or technology transfer, as already practised by several organisations and the industry.
5. A document describing best practices for ABS in relation to BC including guidelines for joint research that are equitable, but not restrictive, should be prepared and disseminated. BC organisations would be expected to follow these guidelines.
6. To improve transparency in the exchange of BCAs, mechanisms to establish and allow free access to database information on BCAs including source and target countries globally should be supported.
7. In the case of a humanitarian or emergency situation, governments should cooperate within FAO to fast track action.

The full report is presently reviewed by FAO and will soon be available on the home-pages of IOBC Global, IOBC/WPRS, FAO and others.

Franz Bigler

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# IOBC/ WPRS

## Commissions, Working groups, Study groups

July, 2009

Commissions	Convenor	Liaison
Publications	BATHON H. / TIRRY L.	–
Determination and identification of entomophagous insects and insect pathogens	BAUR H. / KLEESPIES R.	–
Guidelines for integrated production	MALAVOLTA C.	ALBAJES R.
Harmonized regulation of biological control agents	BALE J.	BIGLER F.

### Working groups and Sub Groups (SG)

Integrated protection of fruit crops	IORIATTI C.	SIGSGAARD L.
<i>SG soft fruits</i>	LINDER CHR.	
<i>SG pome fruit arthropods</i>	Escudero-Colomar A.	
<i>SG IFP guidelines</i>	MALAVOLTA C.	
<i>SG pome fruit diseases</i>	STENSVAND A.	
<i>SG stone fruits</i>	MOLINARI F.	
Pesticides and beneficial organisms	JANSEN J.P.	VOGT H.
Pheromones and other semiochemicals in integrated production	TASIN M.	VOGT H.
Multitrophic interactions in soil	STEINBERG C.	WHIPPS J.
Integrated protection in viticulture	CALONNEC A. / LUCCHI A.	BLUEMEL S.
<i>SG insects</i>	THIÉRY D. / MAIXNER M.	
<i>SG fungal, bacterial and physiological diseases</i>	GESSLER C. / KASSEMAYER H.-H.	
<i>SG integrated pest management</i>	ZAHAVI T. / DUSO C.	
Integrated protection in oilseed crops	KOOPMANN B.	EKBOM B.
<i>SG pathology</i>	KOOPMANN B.	
<i>SG entomology</i>	COOK S.	
Integrated protection of field vegetables	COLLIER R.	VIEIRA M.M.
Integrated control in protected crops, temperate climate	VANNINEN I.	BESRI M.

Integrated control in protected crops, Mediterranean climate	CASTAÑÉ C.	WEINTRAUB P.
Insect pathogens and entomoparasitic nematodes	EHLERS R.	HUBER J.
<i>SG fungi</i>	TKACZUK C.	
<i>SG entomoparasitic nematodes</i>	GLAZER I.	
<i>SG virus</i>	LOPEZ-FERBER M.	
<i>SG soil insect pests</i>	ENKERLI J.	
<i>SG slugs and snails</i>	SYMONDSON W.	
Integrated control of plant pathogens	PERTOT I.	
Integrated protection in oak forest	SOUSA E.M.	VILLEMANT C.
<i>SG fungi</i>	FRANCESCHINI A.	
<i>SG forest management</i>	BENJAMAA M.	
Integrated protection of stored products	ATHANASSIOU C.G.	WEINTRAUB P.
Integrated protection of olive crops	PERDIKIS D.	WEINTRAUB P.
Integrated protection of citrus crops	GARCIA MARI F.	BESRI M.
Induced resistance in plants against insects and diseases	SCHMITT A.	HUBER J.
GMO's in integrated plant production	ROMEIS J.	BIGLER F.
Landscape management for functional biodiversity	HOLLAND J. / GEROWITT B.	EKBOM B.
Integrated control of mite pests	PALEVSKI E.	BLUEMEL S.

### Study group

Benefits and risks associated with exotic biological control agents	ROY H.	SIGSGAARD L.
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## **IOBC/wprs COMMISSIONS AND WORKING GROUPS**

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### **Working Group “GMOs in Integrated Plant Production Report on the Meeting at Rostock, 2009 (Germany)**

#### **WG meeting**

The WG has held its fourth EIGMO (Ecological Impact of Genetically Modified Organisms) meeting from May 14 - 16, 2009 in Rostock, Germany. The local organizing committee was chaired by THOMAS THIEME from the BTL Bio-Test Labor GmbH Sagerheide.

The meeting was a great success with a total of 71 participants from 14 countries attending. The program consisted of 24 oral contributions and 22 posters plus three keynotes:

EMILIO RODRÍGUEZ-CEREZO (European Commission-Joint Research Centre, Seville, Spain): Agronomic and economic impacts of Bt maize in Spain: evidence from a large survey of commercial farms

GRIFFITHS BRYAN S (Teagasc, Environmental Research Center, Ireland): ECOGEN–Soil ecological and economic evaluation of genetically modified crops

GHAREYAZIE BEHZAD (Center for Strategic Research, Tehran, Iran): Biosafety concerns of the world's first commercialized Bt rice

Focus of the scientific programme were the environmental risk assessment of GM crops, non-target impacts of insecticidal GM crops and the environmental impacts of disease-resistant GM wheat. Besides a very interesting scientific programme we also had a chance to visit the AgroBiotechnikum in Groß Lüsewitz

#### **Re-election of the WG convenor**

During the Rostock meeting, JÖRG ROMEIS was re-elected as the WG convenor for a second term by the 18 members of IOBC/WPRS that were present and had a right to vote.

### Special WG activity

During the Rostock meeting a new special WG activity was announced. It will deal with the environmental risk assessment of non-pesticidal GM crops and include an expert workshop organized in Switzerland in September 2009. Results from this workshop will be presented at the next WG meeting.

Jörg Romeis  
Working Group convenor  
Agroscope Reckenholz-Tänikon Research Station ART, Zürich  
July 3, 2009

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## Meeting of the IOBC/WPRS Working group “Integrated Protection and Production in Viticulture” – Staufen/Breisgau, Germany, 1 – 4 November, 2009

Dear colleagues,

The next meeting of the IOBC/WPRS Working group “Integrated Protection and Production in Viticulture” will take place from

**1<sup>st</sup> to 4<sup>th</sup> of November 2009 in Staufen im Breisgau (Germany)**

This venue is an idyllic, medieval town, situated ca. 12 km in the South of Freiburg im Breisgau and is easily accessible by train or bus; the next airport is Basel-Mulhouse (50 km) (<http://www.stadt-staufen.de/>). The meeting will be held in the Musikakademie Staufen (Academy of Music), a conference centre with an auditorium and some lecture rooms. A guest house is affiliated, so we have board and lodging for all participants during the meeting.

In the program two and a half days are scheduled for oral presentations and poster sessions. In addition, an excursion into the surrounding viticultural region of the Markgräflerland <http://www.markgraefler-land.com/> and the experimental farm of the State Institute for Viticulture and Oenology, Freiburg, in the Kaiserstuhl is planned.

### Contributions

The meeting seeks to assemble colleagues from all the fields of integrated plant protection in viticulture in order to constitute a platform for a stimulating discussion. Therefore, we invite you to present oral and/or poster contributions from all the fields of integrated plant protection in viticulture. The meeting will address the following topics:

- Biological – biotechnological control methods – Host Plant interactions
- Biology and epidemiology of pathogens – Forecast modeling
- Biology and population dynamics of insects and moths and modeling

The contributions will be published in the IOBC/wprs Bulletin.

### Registration and abstract submission

The registration fee will be for members 210,-- € / non members 260,-- € including the book of abstract, boarding during the meeting including coffee breaks during the meeting, social gathering and excursion.

Further information and detailed instructions for the registration and submission of oral or poster contributions will be provided in the second announcement, distributed at the beginning of 2009.

[http://www.iobc-wprs.org/wg\\_sg/index.html](http://www.iobc-wprs.org/wg_sg/index.html)

Sincerely

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**„Semio-chemicals without Borders”  
Joint Conference of the Pheromone Groups of IOBC WPRS  
and IOBC EPRS  
Budapest, Hungary, 15 – 20 November 2009**

Dear Colleagues,

You are cordially invited to the meeting SEMIO-CHEMICALS WITHOUT BORDERS a joint conference of Working Groups „Pheromones and other semio-chemicals in integrated production” IOBC WPRS and „Selective Control Methods” of IOBC EPRS:

**Budapest (Hungary), Sunday 15 November to Friday 20 November 2009**

Semio-chemicals act as information-transferring agents of the most ancient type of communication between living organisms. Research on semio-chemicals is conducted extensively worldwide. Overviewing of the recent results and discoveries in this is the aim of the present conference. People interested in semio-chemicals are invited to present their recent research.

The conference will take place within the 25-year anniversary of the first joint WPRS-EPRS Pheromone Conference (held at Balatonalmádi, Hungary in 1984). This was one of the reasons why we selected Hungary as the site of the anniversary joint meeting.

This second announcement provides the final date and location of the meeting, a registration form and other information for your convenience. A third (and last) announcement will follow in September 2009 with additional information. A website <<http://julia-nki.hu/iobcferoconf09/>> is under construction.

We look forward to seeing you at the conference.

Please forward this message to colleagues potentially interested in the conference topic.

In case you have questions please do not hesitate to contact at [IOBCferoconf09@julia-nki.hu](mailto:IOBCferoconf09@julia-nki.hu) or the organizers:

Miklós Tóth (Plant Prot. Inst., HAS, Budapest, POB 102, H-1525 Hungary, tel. +36-1-3918639, fax: +36-1-3918655, e-mail: [h2371tot@ella.hu](mailto:h2371tot@ella.hu))

Marco Tasin (FEM-IASMA Research Center, I-38010 San Michele a/A, Italy, tel:

+39 0461 615509, fax: +39 0461 615500, e-mail: [marco.tasin@iasma.it](mailto:marco.tasin@iasma.it))

Kind regards,

Dr. Miklós TÓTH	Dr. Marco TASIN	Dr. István EKE
organizer	convenor of WG	president
	IOBC WPRS	IOBC EPRS

### Important deadlines:

**Regular Registration: until July 31, 2009**

**Late Registration: after July 31, 2009**

### Registration

Register by e-mailing, faxing or sending the filled in registration form (which are attached to this message, or later can be downloaded from our website < <http://julia-nki.hu/iobcferoconf09/> > in .DOC or .PDF formats)

The IOBC has funds to partly support student travels. Only students who will submit an abstract for a poster or an oral presentation will be eligible for a support. Please provide a short application (copy of your travel ticket, short CV and abstract of your presentation) to [marco.tasin@iasma.it](mailto:marco.tasin@iasma.it)

### Registration fees

The registration fee includes access to the scientific sessions, all the lunches, coffee breaks, as well as meeting materials. In the congress fee, tickets for public transport for the inner circle of Budapest are included and will be distributed at registration.

Please note, registration will not be processed without accompanying payment of fees.

	Full Registration (for IOBC members)* (Euro)	Student (Euro)
<b>Regular Registration (until July 31, 2009)</b>	250	230
<b>Late Registration (after July 31. 2009)</b>	280	260
<b>Banquet</b>	30	30
<b>Excursion</b>	50	50

\*Please note that these rates apply ONLY FOR IOBC MEMBERS. If you are not a member, please register directly by IOBC at: <http://www.unipa.it/iobc/view.php?pg=membership>. We shall require a declaration from each participant, that he/she is:

- 1) a member of IOBC
- 2) at the moment of registration to the conference is not yet a member, but will register directly by IOBC at his/her earliest convenience.

### Payment



There are two options for payment:

Money order, or paying in cash on the spot at the registration desk

### Money Order

We need the full name of the participant for payment identification - not the name of the payer if this is someone else!

Please transfer the money to our Conference Account:

Owner	MTA Növényvédelmi Kutatóintézete (Plant Prot. Inst. HAS)
Owner address:	Herman O. u. 15, H-1022 Budapest, Hungary
Bank:	Magyar Nemzeti Bank (Hungarian National Bank), Budapest, Szabadság tér 15, H-1054 Hungary
Account No.:	10032000-01730762-00000000
IBAN number:	HU40 1003 2000 0173 0762 0000 0000
Swift Code:	MANEHUHB
ID message (important!):	IOBCFeroconf09/ <i>Participant's Name</i>

**Any additional expenses pertaining to banking operations are not included in the registration fee and must be covered by the registrants.**

Cancellations are only accepted in written form by e-mail, fax or letter. Cancellations received before 1 August 2009 will receive a full refund, less an administration charge of 25 Euro. Thereafter refunds will not be available. However, you may nominate a substitute participant without additional cost until 1 November 2009.

Cancellation charges for accommodation: in case of need please discuss options directly with your hotel.

### Conference Location

The scientific sessions of the conference will be held in the conference rooms and other facilities of **Hotel Agro Panorama**, Budapest, Normafa út 54, H-1121 Hungary, Tel: (+36-1) 458-3900, Fax: (+36-1) 458-3901, (+36-1) 375-6164

Contact person for hotel room reservations:

Lívia Horváth, [horvath.livia@dlx.hu](mailto:horvath.livia@dlx.hu), Phone/Fax: (+36-1) 458-3959, Mobile phone: (+36-70) 618-9052

Web: [www.hotelagropanorama.hu](http://www.hotelagropanorama.hu)

For a map see <http://www.1hungary.com/map/I201505>

### Accommodation

We have negotiated special arrangements and reserved a block of rooms for the participants of the Conference at the Hotel Agro Panorama, Budapest. The block of rooms has been reserved for the following dates: arrival, Sunday 15 November 2009 and departure, Friday 20 November 2009.

Rates: Single (Euro 50.00/room/night) Double (Euro 60.00/room/night), room rates include a breakfast buffet, use of swimming pool, sauna, gym room and all taxes.

We encourage you to make the hotel reservations directly with the hotel at the same time as your registration to secure this excellent price and assure room availability. Budapest is a popular destination for conferences and holidays and hotel accommo-



dation is at a premium.

Looking forward to welcome you in Budapest !

Kindest regards,

Éva Csonka

The Organizers  
IOBC WPRS/EPRS Semio-chemicals without Borders Conference,  
NOV 15-20, 2009, Budapest, Hungary  
Plant.Prot.Inst.Hung.Acad.Sci.  
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tel:+36-1-3918639; fax:+36-1-3918655;  
e-mail: [IOBCferoconf09@julia-nki.hu](mailto:IOBCferoconf09@julia-nki.hu)

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**Study Group “Benefits and risks associated with exotic biological control agents”  
1st Meeting of the new IOBC/wprs Study Group, Engelberg (Switzerland), September 6-9, 2009**

Dear Colleagues,

Please note that registration is available since 1 April 2009 and submissions for oral presentations and for posters are called for.

Ensure that your submission arrives by 15 June, 2009 at the very latest. For more detailed information and to submit your abstract please visit the conference webpage [www.iobc-harmonia-meeting.com](http://www.iobc-harmonia-meeting.com)

Take advantage and register early until 15 May 2009 to avoid the additional late registration charge and at the same time book your accommodation to secure the especially arranged conference rates and room availability but **latest by 1 July 2009**.

We are looking forward to arranging a stimulating meeting and hope that you will manage to participate. In case you have questions, please don't hesitate to contact [info@iobc-harmonia-meeting.com](mailto:info@iobc-harmonia-meeting.com)

Place: Hotel Europe, Engelberg , Switzerland (a beautiful village in the middle of the Swiss Alps)

With best wishes,

Marc Kenis and Dirk Babendreier  
CABI Europe-Switzerland,  
Delémont, Switzerland

Alexandre Aebi  
Agroscope Reckenholz-Tänikon,  
Zurich, Switzerland

Helen Roy  
Biological Records Centre,  
CEH Wallingford, UK

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**Next meeting of the Working Group “Integrated Control in**

## Protected Crops, Mediterranean Climate” Chania, Crete (Greece), 6 – 11 September, 2009

Next meeting of this working group is organized by our Greek colleagues led by Dr. Dionyssios Perdakis from the Agricultural University of Athens. The meeting will be held at the Mediterranean Agronomic Institute of Chania (MAICh). This is one of the most beautiful cities of Greece which is located at the north-eastern part of Crete Island.

	Monday 7	Tuesday 8	Wednesday 9	Thursday 10		
08:00	Registration & poster display		Technical visit to greenhouses			
08:30						
09:00						
09:30	Welcome address and introduction	Mites			Leafminers & aphids	
10:00						
10:30						
11:00	IPM systems				Generalist predators	
11:30						
12:00		Whiteflies				
12:30						
13:00						
13:30						
14:00	Lunch	Lunch			Lunch	
14:30						
15:00						
15:30	Plant and soil-born diseases	Thrips			IOBC/WPRS Working Group Meeting	
16:00						
16:30						
17:00						
17:30	Natural pesticides & side effects on beneficials	Lepidoptera				
18:00						
18:30						
20:30		Banquet (at MAICh)				

The provisional program will consist of 3 days of presentations and discussions, on Monday 7<sup>th</sup>, Tuesday 8<sup>th</sup> and Friday 10<sup>th</sup>, and one day, Wednesday 9<sup>th</sup> for visiting the

greenhouse industry that is well developed in the island. The topic of the different sessions is detailed in the program schedule on page 18.

During the meeting the green bulletin with the contributions of all participants will be available, since it is now in the process of being printed. This will be possible by the hard work done by all participants preparing their manuscripts on time and by the generous dedication of Prof. Luc Tirry in charge of the printing process.

Updated information about the meeting is available on the web site [www.aua.gr/IOBC](http://www.aua.gr/IOBC) where participants can register and look for accommodation and travel recommendations.

#### **Convenor**

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#### **Local organizer**

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Laboratory of Agricultural Zoology and  
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GREECE  
Tel: +30 210 529 4581  
e-mail: [dperdikis@aua.gr](mailto:dperdikis@aua.gr)

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## **Working Group “Integrated Protection of Olive Crops” Meeting in Cordoba (Spain), 2009 (Report)**

In June 1-4, 2009 The 4<sup>th</sup> European Meeting of the IOBC/WPRS Working Group: “Integrated Protection of Olive Crops” was held in Cordoba (Spain) in June 1-4, 2009. Chairperson was Dr. E. QUESADA-MORAGA, (Agricultural and Forestry Engineering School, Department of Agricultural and Forestry Sciences, University of Cordoba).

131 scientists from 11 countries attended the meeting, which included 1 keynote address, 4 plenary lectures, 44 oral and 37 poster presentations. The presentations covered several aspects of various insect pests and diseases of olives within the framework of integrated protection of olive crops. The following topics were handled over the three days of the meeting in a total of 5 sessions:

- The olive pest and disease status around the world
- Sustainable olive production and chemical control of pests and diseases: opponents or components?
- Sustainable olive production through crop management
- Sustainable olive production through SIT and *semiochemical-based* management strategies
- Sustainable olive production and biological control of pests and diseases

The third day of the meeting a technical visit was organized to the Carbonell olive factory and olive oil museum and also a visit was organized to four hedge olive groves (high density orchards) in the Guadalquivir valley under different degrees of development.

#### **Future Activities**

The 5<sup>th</sup> meeting of the Working Group will be held in Israel 2011.

## Publications

Proceedings of the 3rd European meeting of the IOBC/WPRS Working Group “Integrated Protection of Olive Crops” that was held in Braganca, from October 10-12, 2007, Editor: A. Kalaitzaki, are still in preparation.

Full articles of the 4th European meeting in Córdoba on June 1-4, 2009 will be published as an IOBC/WPRS Bulletin. Authors should give their full papers (hard copy, diskette or CD in a WORD format) by e-mail to [akalaitzaki@nagref-cha.gr](mailto:akalaitzaki@nagref-cha.gr) or by mail to the address: NAGREF-Institute of Olive Tree and Subtropical Plants, Dr. Argyro Kalaitzaki, Agrokypio 73 100 Chania Greece **until 31<sup>st</sup> of October 2009**.

Best regards

Perdikis Dionyssios  
(Convenor of the Working Group)

Dr Dionyssios Perdikis  
Agricultural University of Athens  
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Tel.: ++30 210 529 4568  
Fax: ++30 210 529 4572  
e-mail: [dperdikis@aua.gr](mailto:dperdikis@aua.gr)

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## Working Group “Induced Resistance in Plants against Insects and Diseases” Meeting in Granada (Spain), 2009 (Report)

The IOBC/WPRS working group “Induced Resistance in Plants against Insects and Diseases” held its recent meeting from 12 to 16 May 2009 in Granada, Spain. The local organisers were Dr. MARIA JOSE POZO, EEZ, CSIC, Granada and Dr. VICTOR FLORS, Universitat Jaume I, Castellon. Meeting place was the Estación Experimental del Zaidín, CSIC (Consejo Superior de Investigaciones Científicas) in Granada. The meeting was attended by 113 scientists from 22 countries, working on entomological and phytopathological, molecular and ecological as well as applied and fundamental aspects of induced resistance/induced tolerance. Discussions and exchange between scientists in the different fields was very lively and fruitful. As in former meetings, many PhD students and postdocs were attending and presented their work. Although the meeting covered all aspects of induced resistance and induced tolerance, this time the meeting was entitled “Induced resistance – chances and limits”, leading to the following three sessions:

“Chances and limits in multitrophic interactions”, “Chances and limits of model systems” and “Chances and limits in crop protection”.

The book of abstracts can be downloaded under: [www.fvccee.uji.es](http://www.fvccee.uji.es)

During the meeting, election of the convenor took place, where Dr. Annegret Schmitt, JKI, Darmstadt, Germany, was re-elected for a period of 5 years.

The next meeting of the working group will be held in Neuchâtel, Switzerland in 2011.

Annegret Schmitt (convenor),  
JKI Darmstadt, Germany  
e-mail: [annegret.schmitt@jki.bund.de](mailto:annegret.schmitt@jki.bund.de)

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## Next Meeting of the IOBC/wprs Working Group "Integrated Protection of Fruit Crops", Sub Group "Soft Fruits" 7th Meeting (Workshop on Integrated Soft Fruit Production) in Budapest (Hungary), September 20 – 23, 2010

On behalf of the International Organisation for Biological and Integrated Control of Noxious Animals and Plants, West Palaearctic Regional Section, you are cordially invited to participate at the forthcoming workshop.

**More information about the exact location, pre-registration, fees and topics will be available in September 2009!**

WG Convenor	Sub Group Convenor	Local organizer
Dr. CLAUDIO IORIATTI Istituto Agrario San Michele all'Adige Plant Protection Department Research Center Via Edmondo Mach, 2 I-38010 S. Michele all'Adige (TN), ITALY  Tel.: ++39-0461-615 514 Fax: ++39-0461-615 500 claudio.ioriatti@iasma.it	CHRISTIAN LINDER, Agroscope Changins- Wädenswil ACW CP 1012 CH-1260 Nyon 1, SWITZERLAND  Tel.: +41-22-3634389 Fax: +41-22-3621325 christian.linder@acw.admin.ch	GÁBOR VÉTEK, Corvinus University of Budapest, Faculty of Horticultural Science, Department of Entomology, Villányi út 29-43, H-1118, Budapest, HUNGARY  Tel.: +36 1 482 6518 Fax: +36 1 482 6072 gabor.vetek@uni-corvinus.hu  <a href="http://horticulturalscience.uni-corvinus.hu/">http://horticulturalscience.uni-corvinus.hu/</a>

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## Heinrich Höhn takes over the IOBC-Archive from Ernst Boller

ERNST BOLLER, Honorary member of IOBC, has established the archive of IOBC/ WPRS and IOBC Global during the last two years at Agroscope ACW in Waedenswil, Switzerland. Important and interesting IOBC documents from many different sources were traced by him, then classified and arranged systematically, first physically on shelves and later in a database. On behalf of IOBC/WPRS I would like to express my deep gratitude to Ernst for his invaluable dedication for the archive and for IOBC as a whole.



HEINRICH HÖHN (right) takes over the IOBC archive from ERNST BOLLER (left).

I am happy to welcome HEINRICH HÖHN as the new archivist of IOBC. Heinrich is an entomologist who has been active in IOBC/WPRS since long, and he knows our organization form in- and outside. I am very grateful to Heinrich to take over from Ernst and to continuously expand the archive with valuable IOBC documents.

Franz Bigler  
President IOBC/WPRS

Dr. HEINRICH HÖHN (Archive of IOBC/wprs),  
Swiss Federal Research Station of Horticulture,  
CH-8820 Waedenswil (SWITZERLAND)  
Tel: +41-44-783 64 40,  
E-mail: [heinrich.hoehn@acw.admin.ch](mailto:heinrich.hoehn@acw.admin.ch)

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## Database on Diagnosis of Arthropod Diseases in the Website of the Julius Kühn Institut (Germany)

Since March 2009, a database on diagnosis of diseases of insects and other arthropods is available in a German and English version under the internet file

<http://arthropodenkrankheiten.jki.bund.de>.

It is based on 55 years of diagnostic investigations of living, diseased, or dead arthropods, particularly insects, at the "Institute for Biological Control" in Darmstadt, Germany. The studies have been primarily conducted by Dr. A.M. HUGER and since 1991 by Dr. R.G. KLEESPIES as well as by further scientists of the institute. The database comprises results of 1951 accessions with several thousands of diagnosed specimens



from 1953 to 2008. About 450 arthropod species of the following orders were investigated (in alphabetical order): Acari, Anoplura, Arachnida, Auchenorrhyncha, Blattoptera, Coleoptera, Dermaptera, Diptera, Heteroptera, Hymenoptera, Isoptera, Lepidoptera, Mantodea, Neuroptera, Phasmatodea, Psocoptera, Raphidioptera, Saltatoria (Orthoptera), Scorpionida, Sternorrhyncha, and Thysanoptera. The diagnosed pathogens belong to 6 groups: viruses, bacteria including rickettsiae, fungi, microsporidia (recently assigned to fungi), protists, and nematodes. Origins (countries, cities) as well as accession-number and -year are also shown. The names of orders, genera, and species of the listed arthropods and pathogens are up to date, but older names and synonyms are also mentioned.

In contrast to the printed version (KLEESPIES, R.G., A.M. HUGER, G. ZIMMERMANN, 2008) the database allows selective search for genera and species of arthropods as well as for pathogens. Furthermore, countries and cities can be checked up and combinations between different items are possible. The aim of this database is to advise interested scientists and experts of entomology, microbiology, biological and integrated control, but also to insect breeders on the occurrence of pathogens and diseases including nematodes with pest and beneficial arthropods. The database will be updated regularly.

### Reference

R.G. KLEESPIES, A.M. HUGER & G. ZIMMERMANN (2008): Diseases of insects and other arthropods: results of diagnostic research over 55 years. – *Biocontrol Science and Technology* 18, 439-484).

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## All About the Potato Beetle

An applied entomologist has created an informative website exclusively focused on the pest insect *Leptinotarsa decemlineata* (Colorado potato beetle). At

<http://potatobeetle.org>

A. ALYOKHIN offers a resource including a searchable bibliography, plus sections concerning cultural, physical, biological, and chemical control as well as a discussion of the beetle's evolving resistance to insecticides and a short summarization of IPM and *L. decemlineata*. In the latter, Dr. ALYOKHIN observes that "the secret of the Colorado potato beetle's success as a pest is its diverse and flexible life history coupled with a remarkable adaptability," while noting that integration of multiple control techniques is "the only sustainable way to manage this insect." Aside from the hard information presented, the site offers a lighter side in a "Memorabilia" section reflecting postage stamps, post cards, and an impressive array of colorful posters all tied (some loosely) to the potato beetle.



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## Membership Payment

As already announced online payment for 2009 renewal is already possible through the web ([http://www.iobc-wprs.org/index\\_membership\\_fee\\_online-payment.html](http://www.iobc-wprs.org/index_membership_fee_online-payment.html)). After some initial problems with the payment, now it works quite well. Until now more than 50 members have already renewed for 2009. It is your opportunity to make it easily. If you did not renew in 2008, you can also do it now !!! Non members can now apply easily through the application form and payment by credit card ([http://www.iobc-wprs.org/index\\_member.html](http://www.iobc-wprs.org/index_member.html)). In this case do not forget to email me the filled application form.

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## Digest of the Minutes of the IOBC/WPRS Executive Meeting, Engelberg, July 9-11, 2009

**Present:** R. Albajes (RA), F. Bigler (FB), S. Blümel (SB), P. Nicot (PN), L. Tirry (LT), H. Vogt (HV)

The Executive Committee met in Switzerland for a short meeting. Major points of discussion were the General Assembly in Agadir, the future of the Publication Commission and a “brain storming” on the future strategy and visions of WPRS. An extract of a few discussion points are reported here:

### Statistics on the journal *BioControl*

- number of articles submitted / year: **200-300**
- number of articles published / year: **ca 75**
- number of pages published / year: **ca 900**
- number of editors from the different IOBC regions  
**wprs: 9** (2 Institutional, 2 Convenors, 3 Individual, 2 non members)  
**nrs: 1; aprs: 1**
- number of reviewers from the different IOBC regions ?

- Impact Factor **1.957 for 2008**

## **General Assembly (GA) 2009**

### ***Status of planning by local organizer***

M. BESRI has done a fine job as local organiser. The hotel he selected is managing the reservations with lots of professionalism and courtesy. They were also very helpful with handling the uncertainty concerning the total number of participants.

### ***Programme of GA***

The program is pretty much settled.

### ***Budget for GA and information on expected participants***

To this date, many invited participants (current Council members / Convenors) have not contacted the hotel to reserve their room. The deadline agreed upon with the hotel is very soon (July 15<sup>th</sup>).

**PN has sent an urgent reminder.**

### ***Revision of Statutes of WPRS for GA***

Several changes are necessary in the Statutes or Byelaws, in relation to the evolution of the publication Commission and Bulletin production. These changes are reviewed by the Executive Committee. They will be submitted to the Council for endorsement, and then to all IOBC-wprs voting members (via email) for a formal consultation in view of the upcoming General Assembly.

**HV will submit the proposed changes to Council, with a requested response deadline of July 17th.**

**PN will then prepare a final document with the Council-approved proposed changes and send to all voting members for consultation, with a deadline of September 15, 2009 for the votes.**

### ***Prepare discussion points for Council/convenor meeting***

This meeting will be preceded by a Convenors' meeting on September 30<sup>th</sup> (18:00-20:00) and one on October 3<sup>rd</sup> (16:30-17:30). A chairman/secretary will be needed for the Convenors' meeting.

**FB will identify a chairman/secretary for the Convenors' meeting (ask J. ROMEIS who did a fine job during the Barcelona meeting in 2007).**

Topics of discussion for the Council / Convenor meeting could include:

- Difference in registration fees charged to IOBC members and non-members for meetings (1.) Enforce it; (2.) discuss increase (membership fee for individuals will be 90 €) – in fact it is a **discount** for members, rather than an extra fee for non-members.
- Use of the extra funds that are raised from non-members: reminder = to be used directly by Convenor as they want, in respect of the Convenor's Handbook, and include the use of these funds in the financial report
- Reminder of the financial report, due December 15<sup>th</sup> (reminder sent by treasurer November 15<sup>th</sup>)
- Future increase in reliance upon (already held) responsibility by Convenors for the format of the Bulletins – consider the establishment of editing committee / possibility of using funds for hiring secretarial help.

- The role of the liaison officer: an advisor, a supervisor and a resource person.
- Registration fee waiver for the Council Member attending a meeting as Liaison Officer. IOBC/wprs will cover her/his travel and housing costs.
- Meetings of the Working Groups: Spirit = nice working atmosphere rather than spectacular large meeting; Registration fees for meetings = no absolute maximum recommended as situations vary, but keep as low as possible, not a money-making business for the local organizer.
- Help for the identification of potential new institutional/ supporting/ individual members (e.g. Convenor would provide to Liaison the list of participants to meetings)
- Ideas about establishing Training courses
- Ideas about consultancy service provided through the IOBC/wprs website

**This list will be provided to Convenors prior to their meeting**

It will need to be amended/prioritized by Council prior to the meeting with Convenors

***Discussion of other issues of GA***

**Oral presentations.** As discussed during the Avignon Executive meeting, oral presentations by Convenors (and others) will need to be respectful of the time allotted. The recommended time for Convenors' presentations will be 8 minutes, to allow for 7 minutes of questions. A limit of 15 slides per Convenor will be suggested. Time keeping will have to be organised and enforced.

**PN will send this information to the Convenors and request that they provide their Powerpoint presentation by September 15<sup>th</sup>.**

**Auditing Committee report.** RA has met with JOST FREULER on July 8<sup>th</sup> for the examination of the IOBC/wprs accounting. J. FREULER will produce a written Audit report and a presentation for the General Assembly. In case J. FREULER is not able to go to Agadir, the oral report will be needed to be presented by another member of the Auditing Committee (Dr. MOHAMADREZA REZAPANAH will attend).

**RA will be in contact with Dr. MOHAMADREZA REZAPANAH concerning this issue.**

**GA 2009 Bulletin.** As was done in the past, a Bulletin will be dedicated to the reports presented and decisions taken during the upcoming General Assembly.

To ensure prompt publication of this Bulletin, the Convenors and the reporting members of the Council / Auditing Committee will be asked to provide their 4-year report before the General Assembly.

The format for the Convenors' reports will be free (to avoid discouraging creativity), but it shall include items listed in Annex 1.

**PN will send this information to the Convenors and request that they provide their written reports by September 15<sup>th</sup>.**

**Website and Bulletins**

***User statistics***

The information prepared by the Webmaster is discussed. Several points are suggested to improve the service rendered by the website.

### **Other issues e.g. links to other websites**

Some of the actions planned in Avignon still could be implemented.

### **Publication commission and edition of the Bulletins**

One possibility for the edition of the Bulletins after HORST BATHON'S retirement from the Publication Commission would be the implication of a salaried person.

Horst has identified a person who would have the availability and the competence for this task. The executive committee is grateful to HORST BATHON for his help with this issue.

**FB will include the issue of the Publication Commission in the list of topics to be discussed with Convenors and with the new Council**

Minutes by Philippe Nicot, Secretary General, 18 July 2009

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## **New IOBC/wprs Publications**

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The Publication Commission of the IOBC/wprs has issued the following Bulletins in 2009 [For Bull. **30(8)**, 2007, **34, 38 – 40**, 2008 and **41**, 2009 see *Profile 46*: 23-43 or visit the IOBC/wprs website]:

### **IOBC/wprs Bulletin, Vol. 43, 2009**

Working Group “Integrated Control of Plant Pathogens”, Proceedings of the meeting “Molecular Tools for Understanding and Improving Biocontrol” at Interlaken (Switzerland), 9-12 September, 2008. Edited by: Yigal Elad, Monika Maurhofer, Christoph Keel, Cesare Gessler, Brion Duffy. ISBN 978-92-9067-217-3 [xviii + 390 pp.].

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IOBC/WPRS Commission "IP-Guidelines and Endorsement". Guidelines for Integrated Production of Grapes. IOBC Technical Guideline III. 3rd Edition, 2007. Edited by C. Malavolta & E.F. Boller  
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IOBC/WPRS Commission "IP-Guidelines and Endorsement". Guidelines for Integrated Production of Pome Fruits. IOBC Technical Guideline III. 4th Edition, 2008. Edited by C. Malavolta & J. Cross  
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**IOBC/wprs Bulletin, Vol. 48, 2009** – in print –

IOBC/WPRS Commission "IP-Guidelines and Endorsement". Guidelines for Integrated Production of Soft Fruits. IOBC Technical Guideline III. 2nd Edition, 2007. Edited by C. Malavolta & J. Cross  
ISBN 978-92-9067-222-7 [viii + 13 pp.].

**IOBC/wprs Bulletin, Vol. 50, 2009** – in print –

Working Group „Integrated Control of Plant-Feeding Mites”. Proceedings of a Meeting at Florence (Italy), 9–12 March, 2009. Edited by: Eric Palevsky, Phyllis G. Weintraub, Uri Gerson & Sauro Simoni. ISBN 92-9067-224-1 [xvi + 134 pp.]

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### **Sting 32 – September 2008**

Newsletter on biological control in greenhouses  
of the IOBC/WPRS WG “Integrated control in Protected Crops, Temperate Climate“

<http://web.agrsci.dk/plb/iobc/sting/sting32.pdf>

## Time-Table of forthcoming events

For the Meetings of the IOBC/wprs Working Groups see also the IOBC/wprs homepage:  
<http://www.iobc-wprs.org>

6 - 9 September 2009: *Harmonia axyridis* and other invasive ladybirds. IOBC/wprs Study Group “Benefits and risks of biological control”, Engelberg (Switzerland). – Marc Kenis, Delémont (Switzerland), CABI Europe-Switzerland, 1, Rue des Grillons, 2800 Delémont (Switzerland), Tel +41-32-4214884, Fax: +41-32-4214871, [m.kenis@cabi.org](mailto:m.kenis@cabi.org), [info@iobc-harmonia-meeting.com](mailto:info@iobc-harmonia-meeting.com), [www.iobc-harmonia-meeting.com](http://www.iobc-harmonia-meeting.com)

6 - 11 September 2009: Working Group “Integrated Control in Protected Crops, Mediterranean Climate”, Chania, Crete (Greece). – Dr. Cristina Castañé, e-mail: [Cristina.Castane@irta.es](mailto:Cristina.Castane@irta.es) and/or Dr. Dionyssios Perdikis, e-mail: [dperdikis@aua.gr](mailto:dperdikis@aua.gr)  
<http://www.aua.gr/IOBC>

**30 September – 3 October, 2009: General Assembly of IOBC/wprs in Agadir (Morocco)**

3 - 8 October 2009: Joint Meeting of the WPRS Working Group “Pheromones and other semiochemicals in integrated production” and EPRS Working Group “Selective Control Methods”, Budapest (Hungary). – Miklós Tóth (Plant Protection Institute, HAS, POB 102, Budapest, 1525 Hungary, Tel +36-1-3918639, Fax: +36-1-3918655, e-mail: [h2371tot@ella.hu](mailto:h2371tot@ella.hu). – Marco Tasin (FEM-IASMA Research Center,

38010 San Michele a/A, Italy, Tel +39-0461-615509, Fax: +39-0461-615500, e-mail: [marco.tasin@iasma.it](mailto:marco.tasin@iasma.it)

- 7 - 9 October, 2009: IOBC/wprs Working Group "Pesticides and Beneficial Organisms", Dubrovnik (CROATIA). – Local Organizer: Dr. BOŽENA BARIĆ, Department for Agricultural Zoology, Faculty of Agriculture, Zagreb. – Dr.Ir. J.-P. Jansen (Convenor), CRA-W, Departement Lutte biologique et Ressources phytogénétiques, Laboratoire d'Ecotoxicologie, 2, Chemin de Liroux, 5030 Gembloux, (Belgique), Tel + 32 (0)81 625 683, e-mail: [labecotox@cra.wallonie.be](mailto:labecotox@cra.wallonie.be)
- 19 - 20 October 2009: ABIM-Lucerne 2009. 4th Annual Biocontrol Industry Meeting, Lucerne (Switzerland). – Information, Programme and registration: [www.abim-lucerne.ch](http://www.abim-lucerne.ch)
- 1 - 4 November 2009: Meeting of the IOBC/wprs Working Group "Integrated Protection and Production in Viticulture", Staufen/Breisgau (Germany). – Hanns-Heinz Kassemeyer, Agnès Calonnec, [http://www.iobc-wprs.org/wg\\_sg/index.html](http://www.iobc-wprs.org/wg_sg/index.html)
- 3 - 5 November 2009: The 3<sup>rd</sup> International Conference of Genetic Engineering and Biotechnology. National Research Centre, Cairo (Egypt). – [www.ceas-nrc.org](http://www.ceas-nrc.org) and [www.cunrc.org](http://www.cunrc.org)
- 15 - 20 November 2009: „Semio-chemicals Without Borders”. Joint Conference of the Pheromone Groups of IOBC/WPRS and IOBC/EPRS. Budapest (Hungary). – [IOBCferoconf09@julia-nki.hu](mailto:IOBCferoconf09@julia-nki.hu), Miklós Tóth, e-mail: [h2371tot@ella.hu](mailto:h2371tot@ella.hu) or Marco Tasin, e-mail: [marco.tasin@iasma.it](mailto:marco.tasin@iasma.it)

## 2010

- 15 - 17 September 2010: IOBC/wprs Working Group "Integrated Protection of Fruit Crops". Joint Meeting of the Sub-Groups "Pome fruit arthropods" and "Stone fruits": Workshop on "Sustainable protection of fruit crops in the Mediterranean area", Tremiti Islands (Italy).
- 20 - 23 September 2010: IOBC/wprs Working Group "Integrated Protection of Fruit Crops", Sub-Group "Soft Fruits". Workshop on "Integrated Soft Fruit Production", Budapest (Hungary). – More information available in September 2009 in the Website of IOBC/wprs.



[www.iobc-wprs.org](http://www.iobc-wprs.org)



Union Internationale des Sciences Biologiques  
ORGANISATION INTERNATIONALE DE LUTTE BIOLOGIQUE CONTRE LES ANIMAUX  
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SECTION REGIONALE OUEST PALAERCTIQUE  
International Union of Biological Sciences  
INTERNATIONAL ORGANIZATION FOR BIOLOGICAL CONTROL OF NOXIOUS ANIMALS  
AND PLANTS  
WEST PALALEARCTIC REGIONAL SECTION



# PROFILE

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