



International Association for the  
**PLANT PROTECTION SCIENCES**

**NEWSLETTER**

Number VIII

August, 2014



## **XVII INTERNATIONAL PLANT PROTECTION CONGRESS CALL FOR ABSTRACTS**

As previously announced, IPPC XVII will be held at the Free University Berlin, Henry Ford Building, Berlin, Germany 24–27 August, 2015. We are now opening the call for abstracts.

**Abstracts can be submitted online for the following topics**

### **1. Challenges**

- a. Plant protection in a changing climate
- b. Degraded soils
- c. Loss of biodiversity
- d. New and emerging pests and diseases
- e. Invasive species
- f. Soil borne pests and disease
- g. Nematodes
- h. Vertebrates
- i. Weeds
- j. Viruses
- k. Plant-pathogen interactions

### **2. Tradition and Innovation**

- a. Traditional resources
- b. Classical breeding
- c. Transgene technology
- d. Seed technology
- e. Post-harvest treatments
- f. Stored product protection
- g. Mycotoxins
- h. Detection and diagnosis – established methods and novel tools
- i. Plant quarantine aspects

### **3. Integration and Precision**

- a. Integrated plant management
- b. Organic plant production

- c. Precision farming
- d. Computer-based strategies
- e. Modelling/forecasting
- f. Parasitoides (biocontrol)
- g. Endophytes (biocontrol)
- h. PGPBs (biocontrol)
- i. Herbicides (incl. resistance)
- j. Insecticides (incl. resistance)
- k. Fungicides (incl. resistance)
- l. Other pesticides

#### **4. Social Aspects and Co-operations**

- a. Overcoming hunger
- b. Smallholder gardening
- c. Access to markets
- d. The role of gender in plant protection
- e. Resilience of production systems
- f. Certification systems
- g. Worker- and bystander- protection
- h. Governmental plant protection policies and legal framework
- i. Science networks
- j. Education
- k. Extension services
- l. Technology transfer projects

**Online submission of Abstracts via [www.ippc2015.de](http://www.ippc2015.de)  
Deadline: 1 February 2015**

For more information:

**Dr. Falko Feldmann**  
DPG Managing Director  
Braunschweig, Germany  
**E-mail:** [Feldmann@phytomedizin.org](mailto:Feldmann@phytomedizin.org)

## **INTERNATIONAL PLANT RESISTANCE TO INSECTS WORKSHOP MARRAKECH 14-16 APRIL, 2014**

Insect pests are among the most limiting constraints to crop production, inflicting losses of billions of dollars worldwide. Pesticides are routinely used to reduce the damaging impacts of pests, but they are not sustainable as they pose risks to human, animals and to the wild life in general. Host plant resistance (HPR) has been the most economical and environmentally friendly means of controlling pests.

In view of the importance of the use of genetic resistance for the control of insect pests, the International Center for Agricultural Research in the Dry Areas (ICARDA), the National Institute of Agricultural Research (INRA), Morocco, the Moroccan Association of Plant Protection (AMPP) and the International Plant Resistance to Insects Working Group successfully organized the 21st Biennial International Plant Resistance to Insects Workshop in Marrakech, Morocco April 14-16, 2014. This workshop, held under the auspices of the Ministry of Agriculture and Marine Fisheries, was opened by H.E. the Secretary General of the Ministry, Prof. Mohamed Sadiki. This meeting reviewed the progress and recent advances in the area of host plant resistance to insect pests, and developed international collegiality among HPR researchers. The areas covered during the workshop were:

- Screening methodologies for resistance to insect pests and sources of resistance
- Breeding for resistance to insect pests through conventional and molecular strategies
- Mechanisms of resistance to insect pests

165 participants from some 36 countries representing the five continents (Asia, Africa, Europe, America, and Australia) attended this workshop. During the last 20 workshops held in the USA, The International Working Group on Resistance to Insects recognized scientists who have made significant contribution to host plant resistance to insects. In the 21st IPRI workshop, the HPR award of merit was given to the team which has been engaged on research in the area of host plant resistance to Hessian fly in Morocco since early 1980's and has made significant achievements: several Hessian fly resistant varieties have been released in Morocco and a lot of sources of resistance identified in the cultivated wheat and its wild relatives. The scientists who have made



significant contributions to Hessian fly resistance work in Morocco and have been recognized at the IPRI 2014 in Marrakech are portrayed in the above picture together with Prof. Mohamed Sadiki.

From the National Institute of Agronomic Research (INRA): Dr. Nsarellah Nasserlhaq, Dr. Jlibene Mohamed, Dr. Lhaloui Saadia, Dr. El Hadoury Jamal, Mr. Amamou Ali, Mr. El Haila Mohamed

From the International Center for Agricultural Research in the Dry Areas (ICARDA): Dr. Amri Ahmed, Dr. Nachit Miloudi, Dr. Abdalla Osman, Dr. El Bouhssini Mustapha.

From the Mid America International Agricultural Consortium (MIAC)/USAID project: Dr. Jimmy Hatchet (USDA-ARS, Manhattan, KS).

For more information about the 21st IPRI workshop in Marrakech, please contact:

**Dr. Mustapha El Bouhssini**

IAPPS Coordinator for Region VII: West Asia

E-mail : [M.Bohssini@cgiar.org](mailto:M.Bohssini@cgiar.org)

**The IAPPS Newsletter is published by the International Association for the Plant Protection Sciences and distributed in *Crop Protection* to members and other subscribers. *Crop Protection*, published by Elsevier, is the Official Journal of IAPPS.**

**IAPPS Mission: to provide a global forum for the purpose of identifying, evaluating, integrating, and promoting plant protection concepts, technologies, and policies that are economically, environmentally, and socially acceptable.**

**It seeks to provide a global umbrella for the plant protection sciences to facilitate and promote the application of the Integrated Pest Management (IPM) approach to the world's crop and forest ecosystems.**

**Membership Information: IAPPS has four classes of membership (individual, affiliate, associate, and corporate) which are described in the IAPPS Web Site [www.plantprotection.org](http://www.plantprotection.org).**

**The *IAPPS Newsletter* welcomes news, letters, and other items of interest from individuals and organizations. Address correspondence and information to:**

**Manuele Tamò  
Editor, IAPPS Newsletter  
IITA-Benin  
08 B.P. 0932 Tri Postal, Cotonou, Republic of Benin  
E-mail: [m.tamo@cgiar.org](mailto:m.tamo@cgiar.org)**