



# IAPPS NEWSLETTER

Number IX

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## FIRST INTERNATIONAL CSPP/IAPPS SYMPOSIUM

**New management strategies for insects and diseases of rice  
Beijing, China, Oct. 25-26, 2012**

Rice, a staple food for over half of the world's population is a key to food security, social stability and the economy. Today, in many Asian and African countries, rice production is threatened by the shortage of arable land and water. In addition, insects and diseases are two major threats that cause severe yield losses in epidemic years. In the past two decades the frequent and improper application of chemicals, for insect and disease control, has caused the development of insect and pathogen resistance, affected farmers' health, damaged the environment and reduced biodiversity. It is thus imperative that we review some of the critical issues concerning the development of more effective, sustainable, environmentally sound and socially acceptable strategies for insect and disease management. In conjunction with the 2012 annual meeting of the China Society of Plant Protection (CSPP), CSPP and IAPPS are co-sponsoring the first international joint symposium to discuss the following topics:

- Why are planthoppers such a serious problem in Asia now?
- What ecological engineering approaches can play a role in rice insect management?
- Is the host plant resistance (HPR) approach suitable for the management of rice insect pests?
- Rapid insecticide resistance development - Where do we go from here?
- Plantwise – New framework for integrating pest management.
- What are the best integrated approaches to rice diseases when HPR is not effective?
- What is the impact of abiotic stresses on rice disease development and epidemics?
- How do we achieve durable resistance by using both major and minor resistance genes?
- What is the effect of multilines and crop rotation for rice blast disease control?
- What are the effective control methods for emerging RSV and RBSDV diseases?
- What are the current status and potentials of bio-control approaches for rice diseases?
- What is the role of epidemiology in plant disease forecasting and control?
- What are some truly novel/out-of-the-box strategies for future durable resistance?
- Can we achieve a strategic approach to future plant protection in rice that involves major stakeholders and achieves productive and resilient outcomes?

### **Plenary lectures at the Annual Meeting of CSPP:**

Dr. Geoff Norton, University of Queensland, Australia

Dr. Larry Madden, Ohio State University, USA

Dr. Noriharu Ken Umetsu, Otsuka Chemical/Tokyo University of Agriculture & Technology, Japan  
Dr. Jianping Chen, Zhejiang Academy of Agricultural Sciences, China  
Dr. Le Kang, Institute of Zoology, Chinese Academy of Sciences, China.  
Dr. Youyong Zhu, Yunnan Agricultural University, China

**Invited Speakers at the First International CSPP/IAPPS Symposium**

Dr. Geoff Gurr, Charles Sturt University, Australia  
Dr. Finbar Horgan, International Rice Research Institute, Philippines  
Dr. Ki Deok Kim, Korea University, South Korea  
Dr. Nollie Vera Cruz, International Rice Research Institute, Philippines  
Dr. K.L. Heong, International Rice Research Institute, Philippines  
Dr. Tohru Teraoka, Tokyo University of Agriculture & Technology, Japan  
Dr. Masaya Matsumura, National Agriculture and Food Research Organization, Japan  
Dr. Zewen Liu, Nanjing Agricultural University, China  
Dr. Feng Zhang, CABI East Asia, Beijing, China  
Dr. Yijun Zhou, Jiangsu Academy of Agricultural Sciences, China  
Dr. Guo-Liang Wang, Ohio State University, USA and CAAS, China.

**Sponsored by:** China Society of Plant Protection and International Association for the Plant Protection Sciences.

**Organized by:** State Key Laboratory for Biology of Plant Diseases and Insect Pests (SKLBPI), Institute of Plant Protection, Chinese Academy of Agricultural Sciences (CAAS), China.

Co-organized by: China International Conference Center for Science and Technology (CICCST)

**Scientific Program Conveners:**

Dr. Guo-Liang Wang, Professor, Ohio State University, USA and CAAS, China.  
Dr. K.L. Heong, Coordinator of Region VIII: Southeast Asia of IAPPS and Senior Scientist, International Rice Research Institute, Philippines.

**Instruction for Abstract Submission**

*Deadline for abstract submission is on August 31, 2012.*

The abstract should be written in English in Microsoft Word format

Submit by email as an attachment, together with a submission form (form and detailed instructions for submitting the abstract to be found at

[http://www.ipmchina.net/cspp\\_2012/en/index.asp?actionId=17](http://www.ipmchina.net/cspp_2012/en/index.asp?actionId=17)) to [wenliping99@yahoo.com.cn](mailto:wenliping99@yahoo.com.cn)

For more information about registration, fees, hotel accommodation etc. please consult

[http://www.ipmchina.net/cspp\\_2012/en/](http://www.ipmchina.net/cspp_2012/en/)

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## IV INTERNATIONAL INSECT SCIENCE CONGRESS - 2013

**Bangalore, India, February 14-17, 2013**

The authorities of the Punjab Agricultural University, Ludhiana, India and the University of Agricultural Science, Bangalore, India are pleased to announce the IV International Insect Science Congress to be held at Bangalore, India from 14 to 17 February 2013.

The conference is a sequel to the three successful events at Ludhiana, Punjab where academic and practical entomologists met to discuss the current status of research on the incredible world of insects and the newer areas evolved in our search for realistic, practical insect pest management. India is credited as the country that utilized insects and their products from the earliest of the times of human civilization.

This meeting of entomologists now in Bangalore is an opportunity to welcome you all to the place where the study of insects began in vogue over a century ago. Bangalore is a vibrant city and is widely regarded as the technology and education hub of India. Its cosmopolitan character is reflected both in the many international research and development laboratories that are found here and in the diversity and richness of its cultural life. A new international airport located 26 km from the University of Agricultural Sciences provides convenient access to Bangalore from almost anywhere in the world. The city is also well connected to other parts of India by rail and road. So it should be possible for everyone attending the conference to include some tourism in their professional itinerary.

This congress will bring together researchers, entrepreneurs, policy makers and students from a broad range of interests to discuss the latest research in entomology, under the theme of **New horizons in insect science with reference to molecular, climate change & pest management.**

Intending delegates are encouraged to submit papers/posters also on their own areas of expertise and interest as the overall program is designed to cover a much broader range of topics than just this theme.

The conference will showcase diverse activities like presentations, posters, photos, round table / workshops, exhibition etc.

### **Topics:**

- Climate change, Ecology, Insect Behavior
- Toxicology, Resistance management and Food safetyMolecular Entomology
- Pest management
- Soil and Aquatic Entomology
- Insect Biodiversity and Conservation
- Invasives, quarantine, phyto-sanitary and pest risk analysis
- Extension Entomology

For more information about registration: <http://www.iisc2013.com/>

## Organizing Secretariat:

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**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:**

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