



International Association for the
PLANT PROTECTION SCIENCES

IAPPS

NEWSLETTER

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9TH INTERNATIONAL CONFERENCE ON PLANT PROTECTION IN THE TROPICS

The Malaysian Plant Protection Society (MAPPS) is pleased to organize the 9th International Conference on Plant Protection in the Tropics (9th ICPPT) from August 3 – 5, 2016, at Hilton Hotel, Kuching, Sarawak, Malaysia with the theme “Healthy Crops for a Healthy World”

The 9th ICPPT with the theme “Healthy Crops for a Healthy World” will focus on developments in the science of plant protection and discuss challenges faced by researchers, practitioners and consumers on problems related to plant protection. The programme will accommodate 2 keynote addresses with two plenary papers, concurrent oral sessions and poster presentations. The conference will cover the following subjects; Plant Pathology, Entomology, Biocontrol and Biopesticide, Biosecurity and Invasive species, Biotechnology and Diagnostic Advancement, Epidemiology and Modelling, Good Agriculture Practices, Pesticide Science, Pest Management, Pesticide Application Technology, Urban Pest Management, Vertebrate Pests and Weed Science.

Keynote Addresses 1) Dr. Russel M. Paterson (University of Minho, Portugal) “Effects of climate change on crop and pests in the Tropics”; 2) Prof. Emeritus Jia-An Cheng (Zhejiang University, China) “Towards sustainable rice pest management in China - the challenges ahead”
Plenary speakers are Prof. Dr. Dzolkhifli Omar (Universiti Putra Malaysia) and Dr. Tan Siang Hee (CropLife Asia Executive Director).

Online registration

Online registration is available at <http://mapps.org.my/9th-icppt-registration>

Submission deadline for extended abstracts submissions (for oral or poster presentations) has been extended to May 15, 2016. Please check the second announcement from the below link for details <http://mapps.org.my/wp-content/uploads/2016/03/9th-ICPPT-Second-Announcement.pdf>.

Please send your abstract, together with information on the presenting author, as an attachment per e-mail at 9thicppt@gmail.com before the deadline.

In addition, updates will be regularly posted on the [MAPPS website](http://mapps.org.my).

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IV INTERNATIONAL CONFERENCE ON PLANT RESISTANCE TO DISEASES AND PESTS: FIRST ANNOUNCEMENT

The IV International Conference on Plant Resistance to Diseases and Pests will be hosted by All-Russian Institute for Plant Protection(VIZR) in Saint Petersburg, Pushkin, Russia, October 11-13, 2016. It is organized by the Russian Federal Agency of Scientific Organizations, Russian Academy of Science, and All-Russian Institute for Plant Protection (VIZR) www.vizr.spb.ru

This conference is held every four years and brings together international experts and young students interested in recent advanced studies in all aspects (theoretical and applied) of a problem of plant resistance to diseases:

- Plant-pathogen interaction;
- Diversity and population structure of pathogens populations;
- Physiology of plant resistance;
- Genetics and genomics;
- Genetic resources of plant resistance;
- Durable resistance;
- Resistance breeding.

The deadline for accepting abstracts is **15 August 2016**. This will allow the Scientific Committee to finalize the program and make it available to participants before the Conference. Notification of Acceptance of Abstract is **01 September 2016**. Later submissions may be presented as posters.

St. Petersburg, located at the banks of the Neva River, is one of the most beautiful European cities. Town of Pushkin – Tsarskoe Selo, where is VIZR situated is the resplendent suburb of St. Petersburg <http://www.pushkin-town.net/pushkin/eng/index.htm>. All the Participants of the Conference will have a great opportunity to combine scientific activities and a fine sightseeing program at the time of golden autumn.

We look forward to seeing you in St. Petersburg - Pushkin in October, 2016!

Prof. Olga Afanasenko

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P-FOR INIA: A NEW APP FOR THE FORESTRY SECTOR IN URUGUAY

Forestry is one of the leading sectors in terms of exporting goods in Uruguay. Plantation area has grown exponentially, reaching 970,000 hectares in 2014. The increasing forested area, mainly eucalypt and pine tree plantations, as well as the higher flow of goods and people between countries has enhanced the establishment of new pathogens and insect pests. Additionally, climatic change may be responsible for the intensification of sanitary problems already established, generating losses in volume and wood quality. Early detection of sanitary problems is crucial to mitigate the impact on plantations, as well as to develop management strategies. Providing foresters with tools for pest recognition becomes crucial in order to improve early detection.

We (Sofía Simeto, Demian Gómez, Gonzalo Martínez, Gustavo Balmelli) developed P-FOR INIA, a smartphone app aimed for foresters, students and general public interested in recognising common sanitary problems affecting commercial plantations in Uruguay. It consists of two modules: a library (*Biblioteca*) and a symptom key (*Guía de Síntomas*). In library module, users can search for a particular pest. Information has been extracted from a series of cards formerly developed by INIA and collaborators from the University of the Republic. In the symptom key module, users select the card to be read, interacting with the app by a set of guided questions. P-FOR INIA is available for download from Apple Store, Google Play and Windows Store. The app is fully operational without Internet connection, making it possible to be used anywhere in the field. Although P-FOR INIA was originally thought as a guide of pests, its wide adoption by foresters as well as the flexibility of the tool allows the incorporation of new utilities in the future in the forms of additional modules. Utilities such as the record of new problems, *online* id requests, pest alerts, or monitoring data management are currently being under development.

More details at

<http://www.inia.uy/estaciones-experimentales/direcciones-regionales/inia-tacuaremb%C3%B3/p-for-inia-aplicaci%C3%B3n-para-celulares-de-protecci%C3%B3n-forestal>

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INTERSTATE DISSEMINATION OF PLANT PARASITIC NEMATODES THROUGH INFECTED HORTICULTURE NURSERIES

At the 19th Biennial Group Meeting of the “All India Coordinated Research Project (AICRP) on Nematodes in Cropping Systems” recently held at University of Agricultural and Horticultural Sciences, Shivamogga (Karnataka) India; experts from the country conveyed that an aggressive (with high reproduction rate, more damage to host plants and wide host range) root knot nematode, *Meloidogyne enterolobii*, got introduced and established through guava root stocks from Chhattisgarh, is causing huge losses in Dindigul, Coimbatore, Villupuram, Dharampuri and Krishnagiri districts of Tamil Nadu. The main suggestion from the meeting was to strongly enforce registration and licensing of plants and horticultural nurseries, which are extremely complex agricultural systems, recorded as pathways for several pests and diseases. Dr. Rajan, Principal Scientist (Plant Protection), Crop Science Division at Indian Council of Agricultural Research (ICAR), said that the situation has become aggravated with the ‘on-line’ availability and sale of live ornamental and horticultural plants in the country.

In the opening address, Dr. D. J. Patel (Former Dean, Anand Agriculture University) and Dr. P. P. Reddy (Former Director, Indian Institute of Horticulture Research), expressed deep concerns about new nematode diseases spread through propagules in pomegranate, guava, coconut, banana, spices and vegetables all over the country. There is urgent need for policy support from ICAR, Department of Agriculture and Cooperation as well as Horticulture Mission for framing

mandatory regulatory provisions for registration, licensing and certification of protected cultivation houses, nurseries and green houses especially for pest/quarantine requirements.

Dr. R. K. Walia, Project Coordinator (Nematodes), presented a brief history, background and the salient achievements of the AICRP on nematodes and an overview of Plant Nematology research in India. He expressed serious concerns about the losses in crops due to nematode diseases and urged upon the nematologists to devise integrated approaches to manage root knot nematode (*Meloidogyne* spp.) problems in recently established poly-houses (for promoting cultivation of vegetables and ornamental). Nematologists from the group ventured a draft road map - with details of detection, exclusion, risk analysis, critical control points for nursery stocks, infrastructure required for prophylactic measures, and costs involved for a prophylactic holistic system approach for registration/certification for nurseries and green houses.

New publications “Pictorial guide on important nematode diseases of Karnataka”, “Comprehensive monograph of rice root-knot nematode (*Meloidogyne graminicola*)”, “Status of plant nematode diseases in Karnataka – a review”, and “Compendium of new plant parasitic nematode diseases of Karnataka” were also launched on the occasion.

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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.

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

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