Emerging Opportunities for the Mass Production & Quality Assurance of Invertebrates

Venue:
The workshop will be held at the Mövenpick Hotel & Spa in Bangalore, India. The program will consist of invited papers presenting an overview of selected topics grouped in organized symposia and contributed presentations on the different aspects of arthropod rearing as it relates to production and quality control grouped in poster sessions. There will also be an organized excursion to the NBAII research facilities.

Basic Registration:
- Early Registration IOBC Members (before 1 Sept, 2013) 56 EUR online (4500 INR by Bank transfer)
- Late Registration IOBC Members (between 1 Sept and 31 Oct, 2013) 64 EUR online (5100 INR by Bank transfer)
- Early Registration non-IOBC Members (before 1 Sept, 2013) 85 EUR online (6800 INR by Bank transfer)
- Late Registration non-IOBC Members (between 1 Sept and 31 Oct, 2013) 93 EUR online (7500 INR by Bank transfer)

Hotel Accommodation:
The Mövenpick Hotel & Spa, Bangalore (http://www.moevenpick-hotels.com/en/asia/india/bangalore/hotel-bangalore/overview/) will serve as the meeting site and also has some rooms available for attendees.

13th WORKSHOP OF THE IOBC GLOBAL WORKING GROUP ON MASS REARING AND QUALITY ASSURANCE

Joint Meeting of
- IOBC Global Working Group on Mass Rearing and Quality Assurance (MRQA)
- Indian Council of Agricultural Research (ICAR)
- Society for Biocontrol Advancement (SBA), India
- International Biocontrol Manufacturers Association (IBMA), Invertebrate Biocontrol Agents Group

Hosted by
- National Bureau of Agriculturally Important Insects (ICAR), Bangalore, India

To be held
- From 6 to 8 November, 2013 in Bangalore, India

Optional Events
- Excursion to Mysore, to be organized during the workshop

For online registration, please visit: www.tinyurl.com/MRQA2013

A link to the online registration page has been placed on the Announcements page of the MRQA website: www.AMRQC.org/announcements.htm

The registration fee for IOBC workshop can be paid through online bank transfer. The account details as follows:

Name of the account holder: Society for Biocontrol Advancement, Bangalore
Name of Bank: State Bank of India
Name of Branch: Hebbal Branch
Account Number: 32123622958
Branch Code: 01316
IFS Code: SBIN0001316
Swift code: SBININBB112
The objectives of this workshop are to address quality and assessment protocols, rearing invertebrates for biocontrol and other emerging applications, and societal and legal issues associated with mass rearing invertebrates. The scope of the workshop includes all issues related to the rearing of entomophagous and phytophagous insects and mites, and entomopathogenic nematodes, and to principles and practices of quality assurance.

The program will consist of invited oral presentations as part of organized symposia and submitted papers for oral or poster presentation. All presenters, both oral and posters, are asked to provide an abstract that will be part of the proceedings of the workshop. Papers will serve as a basis for discussion and exchange, with the final aim of improving collaboration among scientists and practitioners.

**To submit an abstract**

Please email: iobcmrqa13thworkshop@gmail.com

Abstracts should be submitted in Word format and provide a title, list of authors and affiliations and a summary of the research with a maximum length of 500 words presenting the objectives, methods, results and conclusions of the study. The abstract should be written in fluent English and the content should be relevant to the topic of one of the symposia outlined below. Your abstract will be forwarded to the session organizers. **Deadline for abstract submission is 30 September 2013.**

Please note that poster boards are ca. 4 ft (120 cm) high and 3 ft (90 cm) wide; the poster size should not exceed these limitations. Presenters are asked to bring poster pins for mounting the posters on the display boards.

**Symposia:**

1. Development and validation of protocols for invertebrate mass rearing and quality assurance (Chairs: R. J. Rabindra, C. Geden)
2. Mass rearing invertebrates for:
   - Management of arthropod pests
   - Veterinary and medical field applications
   - Production of microbial biocontrol agents
   (Chairs: A. Verghese, K. Bolckmans)
3. Biocontrol in high value and export crops and new emerging markets (Chairs: M. Mani, S. Steinberg)
4. Legal and ethical issues associated with mass rearing invertebrates
   (Chairs: T. M. Manjunath, A. Krishnamoorthy)

**Excursion:**

There will be an organized tour of the NBAII research facilities as part of this workshop on 6 November, followed by the congress dinner.

**Meals:**

Light lunch will be provided to the participants on 6 and 7 November, as part of the registration fee. The congress dinner (without bar facilities) will be provided by NBAII and will be organized on 6 November and will take place following a tour of NBAII.

Participants are responsible for making their own hotel reservations. A list of hotels with indicative room rates can be found here.

**Exhibitors and Sponsorships:**

Institutes or companies that wish to reserve display space are kindly requested to contact the local organizers at iobcmrqa13thworkshop@gmail.com no later than 1 September. Any request received after this date will not be considered.

**Financial Assistance for Young IOBC Members and Scientists from Developing Countries:**

IOBC MRQA has limited funds to award assistance to young scientists and scientists from developing countries who are IOBC members and are presenting a paper or poster at the workshop. An application can be made through the online registration webpage.

For Additional Information:

Please direct all questions concerning the practicalities of the Workshop to iobcmrqa13thworkshop@gmail.com

**Organizing Committee:**

Dr. S. Ayyappan (DG ICAR & Secretary, DARE)
Dr. S. K. Datta (DDG Crop Science, ICAR)
Dr. N. K. Krishna Kumar (DDG Horticulture, ICAR)
Dr. T. P. Rajendran (ADG Plant Protection, ICAR)
Dr. A. Verghese (Director NBAII)
Dr. P. De Clercq (IOBC-MRQA Co-Convenor)
Dr. T. Coudron (IOBC-MRQA Co-Convenor)
Mr. A. Parker (IAEA)

**Organizing Secretaries**

Dr. Chandish R. Ballal, NBAII
Dr. T. Venkatesan, NBAII
Dr. Y. Lalitha, NBAII

**Local organizing committee at NBAII**

Dr. J. Poorani  
Dr. M. Pratheepa  
Dr. Ankita Gupta  
Dr. G. Sivakumar  
Dr. N. Bakthavatsalam  
Dr. S. K. Jalali  
Dr. Sunil Joshi  
Dr. P. Sreeramakumar  
Dr Prashanth Mohanraj  
Dr. K. Srinivasamurthy  
Mrs. B. L. Lakshmi  
Dr. A. N. Shylesha  
Dr. B. Ramanujam  
Dr. R. Rangeswaran  
Dr. M. Nagesh  
Dr. T. M. Shivalingaswamy  
Dr. Deepa Bhagat  
Dr. K. J. David  
Dr. M. Mohan  
Dr. Y. Mahesh  
Dr. K. Srinivasamurthy  
Mrs. B. L. Lakshmi