SCIENTIFIC PROGRAMME

Monday, 12 May 2014

07.30-08.30  Registration & Poster Mounting
08.30-09:45  Opening Ceremony
09:45-10:30  Opening Speaker: Dr. Anond Snidvongs
             Executive Director, Geo-Informatics and Space Technology
             Development Agency, Ministry of Science and Technology
             Applications of Geo-Informatics in Area-Wide Integrated Pest Management
10:30-11:00  BREAK

Session 1: Area-wide and Action Programs
Coordinators: Pablo Liedo and Sunyanee Srikachar

11:00-11:30  Keynote Speaker: Donald McInnis
             Can Polyphagous Tephritid Pest Populations Remain Undetectable over Years under Favorable Climatic and Host Conditions?

11:30-11:50  OP 1.1 : Population Dynamics of the Mediterranean Fruit Fly (Ceratitis capitata, Wied.) in Coffee Areas Located in the Guatemala - Chiapas, Mexico, Region, and Its Implications in IPM Strategies
             By Walther Enkerlin

11:50-12:10  OP 1.2 : Fruit Flies Area-wide Integrated Control Program in Thailand Success or Failed?
             By Suksom Chinviniukul

12:10-12:30  OP 1.3 : Suppression of Mediterranean Fruit Fly Using Sterile Insect Technique in Neretva River Valley of Croatia
             By Mario Bjeliš

12:30-13:30  LUNCH

Session 2: Biology, Ecology, Physiology and Behaviour
Coordinators: Serge Quilici and Suksom Chinviniukul

13:30-14:00  Keynote Speaker: Phillip Taylor
             The Tephritid Tardis: How Queensland Fruit Flies Escape in Time

14:00-14:20  OP 2.1 : Pupal Diapause Development and Termination is Driven by Low Temperature Chilling in Bactrocera minax
             By Changying Niu

14:20-14:40  OP 2.2 : Bacterial Symbionts as an Essential Component of the Olive Fly, Bactrocera oleae (Rossi), Nutritional Ecology
             By Michael Ben-Yosef

14:40-15:00  OP 2.3 : Remating Inhibition in Anastrepha ludens (Loew)
             By Diana Pérez-Staples

15:00-15:30  BREAK

16:00-17:00  Poster Discussion : Session 1 and Session 2
             Discussion Leaders: Beatriz Sabater and A. Vergese

17:00-17:45  General Discussion
Tuesday, 13 May 2014

Session 3: Morphology and Taxonomy
Coordinators: Teresa Vera and Weerawan Amornsak

08:30-09:00  **Keynote Speaker**: Massimiliano Virgilio
Led Zeppelin and the DNA Barcoding of Fruit Flies: “Stairway to heaven” or “Babe, I’m gonna leave you”? – A Pragmatic Approach Towards Workable Solutions.

09:00-09:20  **OP 3.1**: Resolution of Key Pest Members of the *Bactrocera dorsalis* Species Complex
*By Anthony Clarke*

09:20-09:40  **OP 3.2**: An Integrative Approach to Unravel the *Ceratitis* FAR Cryptic Species Complex
*By Marc De Meyer*

09:40-10:00  **OP 3.3**: New Insights in the Definition of the *Anastrepha fraterculus* Cryptic Species Complex
*By Teresa Vera and Janisete Silva*

10:00-10:30  Group Photo and BREAK

Session 4: Genetics and Evolution
Coordinators: Anna Malacrida and Sujinda Thanaphum

10:30-11:00  **Keynote Speaker**: Marc F. Schetelig
Past, Present and Future of Strainelig

11:00-11:20  **OP 4.1**: From Transgenesis to Functional Genomics: Novel Tools for the Study of Reproduction in a Severe Pest, the Mediterranean Fruit Fly, *Ceratitis capitata*
*By Francesca Scolari*

*By Minette Karsten*

11:40-12:00  **OP 4.3**: Genetic Structure Analysis of Three Kinds of Fruit Fly of Economic Importance in China
*By Qinge Ji*

12:00-13:30  LUNCH

Session 5: Chemical Ecology and Attractants
Coordinators: Nancy Epsy and Sirada Thimprasert

13:30-14:00  **Keynote Speaker**: Shammugam Vijaysegaran
Bait Manufactured from Beer Yeast Waste and Its Use for Fruit Fly Management

14:00-14:20  **OP 5.1**: Recent Developments on Chemical Ecology
*By Eric Jang*

14:20-14:40  **OP 5.2**: Responses of Dacini Fruit Flies to Novel Phenylpropanoids in Australia and Papua New Guinea
*By Jane E. Royer*
14:40-15:00  **OP 5.3** : Effect of Methyl Eugenol Consumption by Male *Bactrocera umbrosa* Fabricius (Diptera: Tephritidae): Implications on Sexual Attraction, Maturation, and Mate Selection
*By Suk-Ling Wee*

15:00-15:30  **BREAK**

16:00-17:00  **Poster Discussion: Session 3, Session 4 and Session 5**
**Discussion Leaders: Yoav Gazit, Serge Quilici and Marc De Meyer**

17:00-17:45  General Discussion

18.00-21.00  Meeting of International Fruit Fly Steering Committee (open to SC members)

**Wednesday, 14 May 2014**

7:00-19.30  **Technical tour**

**Thursday, 15 May 2014**

**Session 6: Control Methods and Supporting Technology**  
(e.g. Geographic Information System-GIS and Surveillance)

**Coordinator: Nikos Koulousis and Sirilux Noikeung**

08:30-09:00  **Keynote Speaker : Aruna Mantrakhan**  
Use of Male Annihilation Technique for Control of Pest Species in the *Bactrocera* group on Mainland Africa

09:00-09:20  **OP 6.1**: Detection of *Bactrocera dorsalis* (Hendel) in Mauritius and Rapid Response  
*By Preeaduth Sookar*

09:20-09:40  **OP 6.2**: Area Wide Management of *Ceratitis capitata* in Fruit Trees in Israel - Successful Implementation and New Challenges  
*By Miriam Silberstein*

09:40-10:00  **OP 6.3**: Integrated Pest Management of Fruit Flies on Rose Apple in Thailand  
*By Sunyinee Srikachar*

10:00-10:30  **BREAK**

**Session 7: Natural Enemies and Biological Control**  
**Coordinators: Pablo Montoya and Narit Thaochan**

10:30-11:00  **Keynote Speaker : John Sivinski**  
Technical Competition and the Fate of Augmentative Biological Control

11:00-11:20  **OP 7.1**: Autodissemination and Pathogen Dynamics in *Bactrocera invadens* Drew, Tsuruta & White: Screening, Horizontal Transmission and Suppression in a Mango Agroecosystem  
*By Sunday Ekese*

11:20-11:40  **OP 7.2**: Towards a Rapid Identification Technique for Immature Parasitoids  
*By Olivia Reynolds*

11:40-12:00  **OP 7.3**: Bane or Boon? The Effect of Weaver Ants on Mango Fruit Flies and their Parasitoids  
*By Valentina Migani*

12:00-13:30  **LUNCH**
Session 8: SIT Principles and Applications
Coordinates: Rui Pereira and Wanitch Limohpasmanee

13:30-14:00  **Keynote Speaker:** Daniel Hahn
Management of Dormancy: A Review and Discussion of Importance for Biological Control Programs Including SIT

14:00-14:20  **OP 8.1:** New Mediterranean Fruit Fly Emergence and Release Facility at Tapachula, Chiapas, Mexico
  *By José Luis Zavala*

14:20-14:40  **OP 8.2:** Micro-SIT: a Novel and Sustainable Control for *Ceratitis capitata* in Israel
  *By Gal Yaacobi*

14:40-15:00  **OP 8.3:** Area-Wide Suppression of *Bactrocera* Fruit Flies in Dragon Fruit Orchards in Binh Thuan, Vietnam
  *By Thi Thanh Hien Nguyen*

15:00-15:30  **Break**

16:00-17:00  Poster Discussion: Session 6, Session 7 and Session 8
  **Discussion Leaders:** Sunday Ekes, Olivia Reynolds and Abdeljelil Bakri

17:00-17:45  **General Discussion**

19:00  **Farewell Dinner**

Friday, 16 May 2014

Session 9: Risk Assessment, Quarantine and Post-harvest
Coordinates: Kenneth Bloem and Tasanee Pradyabumrung

08:30-09:00  **Keynote Speaker:** Stephanie Bloem
Pest Risk Analysis for Economically Important Tephritidae: The Crossroads between Science, Plant Protection and Safe Trade

09:00-09:20  **OP 9.1:** Revised Quarantine Distances for Domestic and International Trading
  *By Bernie Dominik*

09:20-09:40  **OP 9.2:** International Standards for Phytosanitary Measures on Fruit Flies
  *By Rui Pereira*

09:40-10:00  **OP 9.3:** Eradication of Tephritid Fruit Flies: Lessons from Gerda
  *By David M. Suckling*

10:00-10:30  **Break**

Session 10: Additional Topics

10:30-10:50  **OP 10.1:** Socio-Economic Analyses of Area-Wide Management of Mango Fruit Fly in South India
  *By Abraham Vergheese*

10:50-11:10  **OP 10.2:** Economic Evaluation of the Moscamed Program in Guatemala and Its Impacts in Such Country, Mexico, The United States and Belize
  *By Diznarda Salcedo*
11:10-11:30  **OP 10.3**: Beyond Compliance: Integrated Systems Approach for Pest Risk Management in South East Asia  
*By John D. Mumford*

11:30-12:00  Poster Discussion: Session 9  
*Discussion Leader: Kenneth Bloem*

12:00-12:30  General Discussion

12:30-13:00  CLOSING SESSION

13:00-15:00  LUNCH

15:00-15:30  Poster Removing