



## **PROGRAM MÉRIDA**

### **SUNDAY, NOVEMBER 9, 2008**

- 16:00 - 20:00**   Registration (Hyatt Regency, first floor)  
**20:00 - 22:00**   Welcome cocktail (Hyatt Regency, lobby bar)

### **MONDAY, NOVEMBER 10, 2008**

- 8:00 - 11:00**   Registration (Hyatt, first floor)  
**9:00 - 9:45**   Opening Ceremony  
**9:45 - 10:30**   Inaugural Lecture:  
                    **H. Saedler:** Evolution of Plant Biodiversity  
**10:30 - 11:00**   Coffee break  
**11:00 - 11:20**   **K. Hummer:** The mandate of the ISHS

#### **Session I:**

#### ***Genetic resources and their analysis I: *Psidium****

- 11:20 - 11:40**   **I.1 N. Billotte:** DNA markers for the analysis of tropical crop plants  
**11:40 - 12:00**   **I.2 L.F. Sánchez-Teyer:** Assessment of genetic diversity of Mexican guava germplasm using molecular markers  
**12:00 - 12:20**   **I.3 G. Fermin:** On the cultivation of guava in Venezuela  
**12:20 - 14:00**   Lunch break  
**14:00 - 14:20**   **I.4 J.L. Domínguez-Álvarez:** Utility of RAPD DNA markers in the selection of grafts of the guava cultivar “Media China” without symptoms of deficiency for iron and zinc  
**14:20 - 14:40**   **I.5 J.S. Padilla-Ramírez:** Collection and characterization of Mexican guava (*Psidium guajava* L.) germplasm  
**14:40 - 15:00**   **I.6 C.A. Fernandes-Santos:** Prospecting and morphological characterization of Brazilian *Psidium* germplasm



- 15:00 - 15:20**   **I.7 J. Valdés-Infante:** Comparison of the polymorphism level, discriminating capacity and informativeness of morph-agronomic traits and molecular markers in guava (*Psidium guajava* L.).
- 15:20 - 16:00**   **Coffee break**
- 16:00 - 16:20**   **I.8 C.A. Fernandes-Santos:** Relationship between ecogeographic sampling and phenotypic diversity of Brazilian *Psidium* germplasm based on categorical descriptors
- 16:20 - 16:40**   **I.9 C.A. Núñez-Colín:** Potential biogeographic distribution of guava (*Psidium guajava* L.) in Mexico
- 16:40 - 17:00**   **I.10 V. Rodríguez-Moreno:** Management system for decision makers on guava (*Psidium guajava*, L.) phenotypic characterization and production using satellite images on GIS environment
- 17.30 - 19:00:**   **Constitution of guava working group**  
(workshop held by Prof. Dr. S.K. Mitra)

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| <b>TUESDAY, NOVEMBER 11, 2008</b> |
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**Session II:**

***Genetic resources and their analysis II: Psidium and Other Myrtaceae***

- 9:00 - 9:30**   **II.1 S.K. Mitra:** Important *Myrtaceae* fruit crops
- 9:30 - 9:50**   **II.2 G. Fermin:** *Myrtaceae* from Venezuela: Diversity, distribution and ethno-botanical aspects
- 9:50 - 10:10**   **II.3 A. Briceño:** Assessment of guava-derived SSRs to molecularly characterize *Myrtaceae* from two diverse ecosystems in Venezuela



### Session III:

#### *DNA markers, linkage mapping, and QTL analysis*

- 10:10 - 10:40    **III.1 E. Ritter:** Comparative linkage mapping in three guava mapping populations and construction of an integrated reference map in guava
- 10:40 - 11:10    **Coffee break**
- 11:10 - 11:40    **III.2 A.-M. Risterucci:** Development of microsatellite (SSR) markers using the SAT software
- 11:40 -12:00    **III.3 N. Billotte:** The microsatellite(SSR)/AFLP reference linkage map of guava
- 12:00 - 14:00    **Lunch break**
- 14:00 - 14:45    **III.4 E. Ritter:** QTL analysis: General aspects and application in guava
- 14:45 - 15:30    **V.1 K. Mueller:** Genetic engineering of high added-value plants: Isoprenoid and folate metabolic engineering in model plants
- 15:30 -16.00    **Coffee break**
- 16:00 - 18:00    **Poster Session**

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| <b>WEDNESDAY, NOVEMBER 12, 2008</b> |
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### Session IV:

#### *Pest and pathogens*

- 9:00 - 9:45    **IV.1 L. Kawchuk:** Plant defence responses to pests and pathogens
- 9:45 - 10:30    **IV.2 S.V. Beer:** Sequencing of the genome of *Erwinia amylovora*, a bacterial pathogen of rosaceous plants
- 10:30 - 11:00    **Coffee break**
- 11:00 - 11:30    **IV.3 S.H. Brown:** The effect and control of guava rust, *Puccinia psidii*, on three species of *Myrtaceae* in South Florida



- 11:30 - 12:00**    **IV.4 L.M. Keith:** Identification and characterization of *Pestalotiopsis* spp. affecting guava, *Psidium guajava*, in Hawaii
- 12:00 - 14:00**    **Lunch break**
- 14:00 - 14:30**    **IV.5 J.W. Randles:** Pests and pathogens of eucalypts
- 14:30 - 14:45**    **IV.6 J.W. Randles:** Investigating eucalypt diseases of unknown etiology: the Mundulla Yellows experience

**Session V:**  
***General Biotechnologies in Guava and Other Myrtaceae***

- 14:45 - 15:30**    **V.2 M. Loyola-Vargas:** Plant tissue culture: An intemporal set of tools
- 15:30 - 16:00**    **Coffee break**
- 16:00 - 16:30**    **V.3 I. Contreras:** Micropropagation of autotochthonous and exotic *Myrtaceae* in Venezuela
- 16:30 - 17:00**    **V.4 A.K. Yadav:** Guava biotechnology: Road toward enhancing plant cold hardiness and nutraceutical values of fruit
- 17:15**            **Conclusion of Symposium**
- 20:00**            **SYMPOSIUM DINNER (Hyatt Regency)**

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| <b>THURSDAY, NOVEMBER 13, 2008</b> |
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**Excursion to Chichen Itza (whole day)**