

Conference Sessions

TUESDAY, October 24, Genetics & Genomics

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|---------------|---------------------------|--|
| 15:00 - 15:15 | Dr. Richard Moore | Gene flow in natural populations of <i>Carica papaya</i> in the fragmented landscapes of south Central America |
| 15:15 - 15:30 | Dr. Qingyi Yu | Papain-like cysteine proteases in <i>Carica papaya</i> : Lineage-specific gene duplication and expansion |
| 15:30 - 15:45 | Dr. Richard Manshardt | Intergeneric hybridization of <i>Carica papaya</i> L. with <i>Vasconcellea</i> wild relatives |
| 15:45 - 16:00 | Dr. Herman Silva | Functional Genomics as a Tool to Unveil Bioactives Compounds in <i>Vasconcellea</i> species |
| 16:00 - 16:15 | Dr. Luis Barboza-Barquero | Papaya fruit image analysis in a segregating F2 mapping population |

WEDNESDAY, October 25, Nutrigenomics & Nutrition//Agronomic Aspects

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| 16:40 - 16:55 | Dr. Alfonso Larqué Saavedra | Papain a well-known enzyme of Papaya is considered a prehispanic Biotechnology contribution of the of Mesoamerican cultures |
| 16:55 - 17:15 | Dr. Élica Gastélum-Martínez | Use of processed <i>Carica papaya</i> var. Maradol and its by-products in the food industry |
| 17:15 - 17:30 | Dr. Sergio Rosales-Mendoza | Toward a plant-based oral vaccine against cysticercosis |
| 17:30 - 17:45 | Dr. Enrique Vazquez Garcia | Characteristics of productivity, quality and self life of eight papaya genotypes in Mexico |
| 17:45 - 18:00 | Dr. Olusegun Oludobe | Enhancing Profit Margin and Productivity of Polyculture through Sequential and Intensification of Intercropping Times in Pawpaw / Cucumber Cropping Systems |
| 18:00 - 18:15 | Dr. Sisir Mitra | Papaya varieties of the world |

THURSDAY, October 26, Micropropagation & Plant Breeding//Biotic & Abiotic Stress

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| 14:30 - 15:45 | Dr. Juan A. Villanueva-Jiménez | Integrated management of papaya pests in Veracruz: PRSV-p, papaya mealybug and mites |
| 15:45 - 16:00 | Mr. Jaime Alberto Corona-Calleja | Micropropagation of hybrid MSXJ in papaya based on temporary immersion systems |
| 16:00 - 16:15 | Dr. Humberto Estrella-Maldonado | Rhizogenesis in in vitro plantlets of <i>Carica papaya</i> L.: Identification and Expression Profiling of transcription repressors of response to auxin (Aux/IAA) and auxin response factor (ARFs) genes |

TUESDAY, October 24 (Odd Numbers)

| Email | Topic | Poster # | Autor | Title |
|---|---------------------|---------------|-------------------------------|---|
| jbabin77@korea.kr | Agronomic Aspects | 1 | Ms. Youngbin Jung | Effect of growth and fruit quality from The Rain-shelter Greenhouse and Open Field cultivation of papaya(Carica papaya L.) |
| jlmlanda@gmail.com | Agronomic Aspects | 3 | Dr. Juan Morales-Landa | Performance of Carica papaya plants grown under greenhouse conditions in the tropics |
| jmguerrasanz@gmail.com juanjohueso@gmail.com | Agronomic Aspects | 5 | Dr. Jose Manuel Guerra | Advances of results of papaya culture in plastic greenhouses in Almeria, Spain |
| | Agronomic Aspects | 7 | Dr. Juan José Hueso | Papaya greenhouse cultivation in South East Spain |
| ralcala@ufl.edu bcarrasco@uc.cl | Agronomic Aspects | 9 | Ricardo Alcalá | Impact Network Analysis: A framework for evaluating the effects of technologies through linked socioeconomic and biophysical networks |
| | Genetics & Genomics | 11 | Basilio Carrasco | SNPs diversity of two Vasconcellea species |
| clementl@miamioh.edu | Genetics & Genomics | 13 | Taylor Chae/Dr. Richard Moore | Differential gene expression in Carica papaya associated with reverse sexual transition from dioecy to hermaphroditism |
| | | 15 | | Ms. Arianna Chan-León |
| arianna01@cicy.mx deilepaita@gmail.com | Genetics & Genomics | 17 | Ms. Dessiree Zerpa Catanho | Papaya sex chromosome evolution and domestication |
| | Genetics & Genomics | 19 | Juan Alberto Cabrera García | Photosynthesis, photorespiration and dark respiration in papaya genotypes (Carica papaya L.) with different leaf chlorophyll concentrations |
| 21 | | Dr. Feng Ding | | Promoter difference of LcFT1 is a leading cause of natural variation of flowering timing in different litchi cultivars and development of molecular markers based on the promoter difference to discriminate early- and late-flowering litchi germplasm resources |
| dinfeng418@163.com | Genetics & Genomics | | 23 | Dr. Humberto Estrella-Maldonado |
| humberto.estrella.m@gmail.com | abiotic tolerance | 25 | Mr. Tiago Meier | Molecular correlates of temperature-induced sex reversal and genetic improvements to adapt to changing climate |
| tiago.meier@botinst.uzh.ch | abiotic tolerance | 27 | Xiaoyang Zhu | Strategies for the control of postharvest papaya fruit ripening and quality |
| xiaoyang_zhu@foxmail.com | Agronomic Aspects | | | |

THURSDAY, October 26 (Even Numbers)

| Email | Topic | Poster # | Autor | Title |
|--------------------------|-----------------------------------|----------|-------------------------------------|--|
| daisypb@cicy.mx | Biotic Resistance | 2 | Dr. Daisy Perez-Brito | Differential expression of genes involved in the response of Carica papaya to Papaya Meleira Virus |
| luisa_lopez@cicy.mx | Biotic Resistance | 4 | Dr. Luisa Lopez Ochoa | New dsRNAs associated a to papaya Umbra-like virus in the Yucatan Peninsula, Mexico |
| qyu@ag.tamu.edu | Biotic Resistance | 6 | Qingyi Yu | Isolation and Characterization of translation initiation factor 4E in Carica papaya and Vasconcellea species |
| agutierrez@ciatej.mx | Biotic Resistance | 8 | Prof. Dr. Antonia Gutierrez Mora | Evaluation of PRSV tolerant papaya plants obtained through conventional genetic improvement |
| emanuel.abreu@embrapa.br | Biotic Resistance | 10 | Dr. Emanuel Abreu | Sequence and genome organization of papaya meleira virus infecting papaya in Brazil |
| ralcala@ufl.edu | Biotic Resistance | 12 | Ricardo Alcalá | Virus diversity in papaya in Southern Mexico, where PRSV was common in asymptomatic plants |
| isr122@ual.es | Micropropagation & Plant Breeding | 14 | Ms. Irene Salinas | Fruit thinning in 'BH-65' and 'Intenza' Papaya grown in greenhouse |
| | Micropropagation & Plant Breeding | 16 | Ms. Irene Salinas | Flower development in BH-65 Papaya grown in plastic greenhouses in South East Spain |
| kimchw@korea.kr | Micropropagation & Plant Breeding | 18 | Dr. Chun Hwan | Temperature gradient chamber using multivariate analysis of FT-IR spectroscopy data from Papaya |
| | | 20 | Juan Alberto Cabrera García | Characterization ambient conditions inside greenhouses of papaya (Carica papaya L.) crops in the canary islands |
| juacabga@gmail.com | Micropropagation & Plant Breeding | 22 | Dr. Virginia Pinillos | Fruit quality characterization and harvest maturity index of three papaya varieties cultivated in South East Spain greenhouses |
| | | 24 | Prof. Dr. Osvaldo Kiyoshi Yamanishi | Grafting compatibility between species from the family brassicales |
| vpinillo@ual.es | Micropropagation & Plant Breeding | 26 | Dr. Mariana Chávez Pesqueira | Distribution and genetic diversity of wild populations of Carica papaya at its centre of origin |
| kiyoshi@unb.br | Micropropagation & Plant Breeding | 28 | Liliana Aguirre | Floral morphology of four wild genotypes and a commercial variety of Carica papaya L |
| mariana.chavez@cicy.mx | Micropropagation & Plant Breeding | | | |
| aguirre.rocio@colpos.mx | Micropropagation & Plant Breeding | | | |