

PROGRAMA GENERAL / GENERAL PROGRAM

Domingo 9 de Julio / Sunday 9th July

| Hora / Hour | Actividad / Activity |
|--------------|--|
| 12:00 – 5:30 | Recogido de participantes en el aeropuerto / Pick up of the participants at the Airport |
| 6:00 – 6:30 | Salida del Bus desde Estación Experimental Agrícola hasta Mayagüez / Departure of Bus Shuttle from Agricultural Experiment Station to Mayagüez |
| 9:30 – 10:00 | Registro en Hotel / Hotel Check-in |

Lunes 10 de Julio / Monday 10th July

| Hora / Hour | Actividad / Activity |
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| 9:00 – 9:30 | Recogido en el Hotel / Pick up at the Hotel |
| 9:30 – 11:30 | Recorrido por el centro urbano de Mayagüez / Walking tour around Mayagüez Downtown |
| 11:30 – 12:30 | Almuerzo (por cuenta propia) / Lunch (by your self) |
| 2:30 – 3:30 | Transportación al Hotel / Transportation to Hotel |
| 16:00 – 17:30 | Reunión Comité Ejecutivo ONTA / ONTA Executive committee Meeting (Edificio Jesús T. Piñero, P-204) |
| 17:00 – 19:00 | Registro (ONTA) / Registration (ONTA) (Museo MUSA – University of Puerto Rico at Mayagüez) |
| 17:30 – 18:00 | Transportación del Hotel a Museo MUSA – UPRM / Transportation from Hotel to MUSA Museum - UPRM |
| 18:00 – 21:00 | Coctel de bienvenida ONTA / ONTA Cocktail reception (Museo MUSA – University of Puerto Rico at Mayagüez) |
| 21:00 – 21:30 | Transportación al Hotel / Transportation to Hotel |

Martes 11 de Julio / Tuesday 11th July

| Hora / Hour | Actividad / Activity |
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| 7:30 – 8:00 | Transportación del Hotel a Planta de Bioprocesos y Centro de Entrenamiento (BDTC) - Carr. 114, Mayagüez, Puerto Rico / Transportation from Hotel to Bioprocess Development and Training Complex (BDTC) - Carr. 114, Mayagüez, Puerto Rico |
| 8:00 – 14:00 | Registro / Registration – BDTC |
| 8:30 – 9:00 | Ceremonia de Apertura / Opening ceremony – BDTC |
| 9:00 – 10:00 | Opening lecture “ONTA: History and Challenges”. Drs. Jessé Román & Alejandro Ayala |
| 9:00 – 9:30 | Historia de la ONTA, divulgación y retos / History of ONTA, Divulgation and Challenges. J. Román |
| 9:30 – 10:00 | Historia de la ONTA / History of ONTA. A. Ayala |

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| 10:00 – 10:15 | Receso/ Coffee Break |
| 10:15 – 12:30 | Symposium: BIOGEOGRAPHY OF NEMATODES |
| 10:15 – 10:55 | Using a biogeography lense to understand biodiversity and ecosystem function. D.A. Neher. |
| 10:55 – 11:35 | Biogeographic patterns of nematodes emerge as taxonomic resolution improves. T. Powers |
| 11:35 – 12:15 | Biogeography of entomophilic nematodes: the relationship between life history and distribution range. N. Kanzaki |
| 12:15 – 13:15 | Almuerzo ONTA / ONTA Lunch |
| 13:15 – 15:15 | Montaje de Carteles ONTA / ONTA Poster Set Up Salón #1 BDTC / Room #1 BDTC |
| 13:15 – 15:00 | Oral Paper session 1: NEMATODE DISEASES |
| 13:15 – 13:30 | “Soja Louca II” - green stem and foliar retention - a new soybean disease in Brazil L. Favoreto and M.C. Meyer |
| 13:30 – 13:45 | Impact of crescent population densities of <i>Meloidogyne paranaensis</i> in coffee susceptible genotype and resistant rootstock. S.A. da Silva , A.C. Z. Machado, and W.M. Zeviani |
| 13:45 – 14:00 | Plant-parasitic nematodes associated with <i>Passiflora ligularis</i> and <i>P. edulis</i> plants in Antioquia (Colombia) G.E. Múnera Uribe |
| 14:00 – 14:15 | Multiple independent loci for resistance to root-knot nematode and Fusarium wilt in an interspecific cotton population. P.A. Roberts , C. Wang, M. Ulloa, and T. Duong |
| 14:15 – 14:30 | Are invasive nematodes putting squeeze on Florida strawberries? J.A. Desaegeer , J.W. Noling, R.N. Inserra, J.A. Brito, and S.A. Subbotin |
| 14:30 – 14:45 | Parameters of growth of table grape var. Red globe grafted on three rootstocks in a soil infested with <i>Meloidogyne</i> spp. under field conditions. C. Murguía and C. Huamán |
| 14:45 – 15:00 | <i>Phasmarhabditis hermaphrodita</i> and its infectivity on invasive gastropods and non_targets in the US. I.T. De Ley , R.J. McDonnell, and T.D. Paine |
| 15:00 – 15:15 | Receso/ Coffee Break |
| 15:15 – 16:30 | Oral Paper session 2: Host-Parasite Interactions |
| 15:15 – 15:30 | Species of <i>Scutellonema</i> andrassy, 1958 from Florida. R.N. Inserra , J.D. Stanley, E. Van den Berg, L.R. Tiedt, and S.A. Subbotin. |
| 15:30 – 15:45 | Histopathology induced by some members of the family Heteroderidae. I.C. del Prado-Vera and Y. Gómez Hernández |
| 15:45 – 16:00 | Morphologically distinct characters of cactodera species (Nematoda: Heteroderidae) from Mexico. I.C. del Prado-Vera |
| 16:00 – 16:15 | Evaluation of endemic populations of <i>Rotylenchulus reniformis</i> within Louisiana on soybean and cotton genotypes. B. McInnes , E.C. McGawley, and C. Overstreet. |
| 16:15 – 16:30 | Presence or absence of isoprenoid synthesis in nematodes. P. Dahlin , A.C. Ruthes and J. Desaegeer. |
| 16:30 – 17:30 | Reunión de Negocios ONTA / ONTA Business Meeting Bioprocess Development and Training Complex (BDTC) |
| 17:30 – 18:30 | Transportación del BDTC a Parque Litoral – Carr 102 Km. 3.1, Mayagüez |

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| | PR / Transportation from BDTC to Parque Litoral – Road #102 Km. 3.1, Mayagüez PR |
| 18:30 – 21:30 | Actividad Socio-Cultural/ Social & Cultural Activity (Parque Litoral/ Costa Rest.) |

Miércoles 12 de Julio / Wednesday 12th July

| Hora / Hour | Actividad / Activity |
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| 7:30 – 8:00 | Transportación del Hotel a Planta de Bioprocesos y Centro de Entrenamiento (BDTC) - Carr. 114, Mayagüez, Puerto Rico / Transportation from Hotel to Bioprocess Development and Training Complex (BDTC) - Carr. 114, Mayagüez, Puerto Rico |
| 8:00 – 12:00 | Registro / Registration - BDTC |
| 8:30 – 10:00 | Oral Paper session 3: BIOLOGICAL CONTROL |
| 8:30 – 8:45 | Actividad nematocida de NEMIX C® (<i>Bacillus subtilis</i> y <i>Bacillus licheniformis</i>) durante dos temporadas, en vides cv. Cabernet Sauvignon parasitadas por <i>Meloidogyne ethiopica</i> , en viñedos de Colchagua, Apalta, Santa Cruz, VII región de Chile. J.C. Magunacelaya |
| 8:45 – 9:00 | Estudio de la actividad nematocida de NEMIX C® (<i>Bacillus subtilis</i> y <i>Bacillus licheniformis</i>) en vides cultivar chardonnay afectadas por <i>Meloidogyne ethiopica</i> de Casablanca, V Región de Chile, durante dos temporadas. J.C. Magunacelaya |
| 9:00 – 9:15 | Aplicación de nematodos entomopatógenos para el control de plagas en cultivos de exportación en la Libertad-Perú. C.E. Cedano , M.A. Delgado, C. Zavaleta, Z. Neira, E. Chacón y R. Valdiviezo. |
| 9:15 – 9:30 | Blueberry mulches modulate pest management and competition by microarthropods, fungi and entomopathogenic nematodes in cadavers of insect larvae. L.W. Duncan , J. Renkema, and F. El-Borai |
| 9:30 – 9:45 | Effect of <i>Brassica juncea</i> seed extract on the potato cyst nematode, <i>Globodera pallida</i> . L.M. Dandurand , M.J. Morra, C. Harder, I. Popova. |
| 9:45 – 10:00 | Cover crops in rotation with yams for the management of the yam nematode. A.O. Claudius-Cole , B. Fawole, and R. Asiedu. |
| 10:00 – 10:30 | Receso/ Coffee Break |
| 10:30 – 12:00 | Oral Paper session 4: MOLECULAR NEMATOLOGY |
| 10:30 – 10:45 | Molecular characterization of <i>Globodera</i> populations from the main potato growing regions in Colombia, South America. C.M. Holguin , D. Vallejo, O.Y. Pérez Cardona, D. A. Rojas, J. A. Martinez and S. Marchant |
| 10:45 – 11:00 | PCR-RFLP analysis of the 18S and 28S-rDNA regions of root-knot phytonematodes populations. A. Tianguistengo-Morales, G. Martínez-Hernández, E. Valadez-Moctezuma, N. Marban-Mendoza, A. Cabrera-Hidalgo y F. Chaverri |
| 11:00 – 11:15 | Molecular characterization of pseudomonodelphic dagger nematodes of the genus <i>Xiphinema</i> Cobb, 1913 (Nematoda: Longidoridae) in Costa Rica, with notes on <i>Xiphinema setariae</i> Tarjan, 1964. W. Peraza-Padilla , |

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| | A. Archidona-Yuste, H. Ferris, T. Zamora-Araya, C. Cantalapiedra-Navarrete, J.E. Palomares-Rius, S. Subbotin, and P. Castillo. |
| 11:15 – 11:30 | Fluorescence Microscopy and Potential Applications on Nematode Studies. M.C. Giraldo Zapata |
| 11:30 – 11:45 | Use of color vegetation indices from UAS aerial mapping to evaluate NIMITZ efficacy controlling <i>Belonolaimus longicaudatus</i> in Florida Strawberry. P. Navia |
| 11:45 – 12:00 | Characterization of <i>Meloidogyne</i> spp. <i>Phytophthora nicotianae</i> races and evaluation of its phytopathogenic interaction on quality and productivity of commercial tobacco varieties (<i>Nicotiana tabacum</i> L.) in Colombia. D.M Vanegas , B.M Gaviria, R.A Navarro, L. Afanador, J.G Morales, S.I Uribe, G. Correa |
| 12:00 – 13:00 | Almuerzo / Lunch |
| 13:00 – 15:00 | Oral Paper session 5: NEMATODE MANAGEMENT |
| 13:00 – 13:15 | A new method for extraction of <i>Meloidogyne</i> spp. for diagnosis on golf greens. W.T. Crow . |
| 13:15 – 13:30 | Using precision agriculture to manage nematode problems in soybean C. Overstreet , E.C. McGawley, D.M. Xavier-Mis, M. Kularathna, C. Khanal, and D. Burns |
| 13:30 – 13:45 | Biofumigants to control <i>Globodera pallida</i> . L.M. Dandurand , I. Zasada, and X. Wang |
| 13:45 – 14:00 | Fluazaindolizine (Vellozine™): A new active ingredient for the control of plant parasitic nematodes. J. A. Wiles , T. Thoden, M. Rivera, R. H. Serikawa, M. Silva, B. McInnes and J. Temple |
| 14:00 – 14:15 | SALIBRO™: A novel nematicide for the control of <i>Meloidogyne</i> spp. in different crops in Brazil. R.H. Serikawa , E. Oriani, L.S. Santos, R. Rodrigues, L.O. da Costa, M. Silva, T. Thoden and J.A. Wiles. |
| 14:15 – 14:30 | SALIBRO™: A novel nematicide for the control of <i>Pratylenchus brachyurus</i> in soybean in Brazil. R.H. Serikawa , E. Oriani, W.C. Cabral, M. Silva, T. Thoden and J.A. Wiles |
| 14:30 – 14:45 | The search for effective nematode control with chemicals in Nigeria. A.O. Claudius-Cole . |
| 14:45 – 15:00 | Efforts to control potato cyst nematodes in the US. L.M. Dandurand , I. Zasada, and X. Wang. |
| 15:00 – 15:15 | Receso/ Coffee Break |
| 15:15 – 17:00 | Sesión de Carteles y Competencia de Estudiantes ONTA / ONTA Poster Session and Students Competition |
| | Assessment of formulated rhizobacteria in the control of plant-parasitic nematodes associated to grapevines [Evaluación de formulados de rizobacterias en el control de nemátodos fitoparásitos en vides] E. Aballay , J. Allende J., and S. Prodan |
| | Efecto fumigante de bicarbonato de amonio sobre <i>Meloidogyne javanica</i> J2, como alternativa sustentable para cultivos hortícolas. R. Navarro-Alzate y B. Gaviria-Gutierrez. |
| | Histopathological characterization of <i>Coffea arabica</i> cultivar IPR 106 |

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| | resistance to <i>Meloidogyne paranaensis</i> . L.H. Shigueoka, O.F. Dorigo, Lucas. Y. Arita, I.C.B. Fonseca, S.A. da Silva, G.H. Sera, and A.C. Zamboni Machado . |
| | Effect of bichar soil amendment on fenamiphos and cadusafos nematicides behavior in sandy soil. S.M. Al-Rehiyani and S.B. Abdel Ghani |
| | Efficacy of incorporated organic amendmends on turfgrass nematodes and turf health. W.B. Jones and W. T. Crow. |
| | Efficiency of Nimitz® (fluensulfone) on control of phytonematodes (<i>M. incognita</i>) on potato (<i>Solanum tuberosum</i> L.). [Eficacia del Nimitz® (fluensulfone) contra nematodos agalladores (<i>M. incognita</i>) en el cultivo de papa (<i>Solanum tuberosum</i> L.)]. F. Jiménez-Hernández , N. Marban-Mendoza, A.J. Cabrera-Hidalgo, J. Crisóstomo-Cruz, y F. Chaverri. |
| | Host status of selected rice cultivars to <i>Aphelenchoides besseyi</i> in Louisiana. F.M.C. Godoy , C. Overstreet, E.C. McGawley, and M. Kularathna |
| | Emergence of <i>Meloidogyne enterolobii</i> as a pest of vegetables in Nigeria. A.O. Claudius-Cole , B. Fawole, and J.L. Starr |
| | Evidence of intra-individual variability in the large subunit (LSU) region of ribosomal DNA in a population of <i>Aphelenchoides besseyi</i> (Aphelenchoididae) [Evidencia de la variabilidad intra-individual en la región de la subunidad grande (LSU) de ADN ribosomal de la población de <i>Aphelenchoides besseyi</i>] D.S. Buonicontro , D. Roberts, C.M.G. Oliveira; V. Blok; R. Neilson. R.D.L. Oliveira. |
| | Filtrados fúngicos con actividad nematicida contra el fitonematodo agallador [Fungic filters with nematicide activity against phytonematode knot]. J.Cetz-Chi , J. Candelero-de la Cruz, J. Cristóbal-Alejo, J.M. Tún-Suárez, F.A. Peraza-Luna and J.A Noh- Medina |
| | Identification of nematodes associated with different citrus rootsotcks from an oxisol soil in Puerto Rico. L. Vásquez-Rojas , R. Tirado-Corbala, E. Román-Paoli y R. Vargas-Ayala |
| | Impact of entomopathogenic nematode applications on diamond back moth population [impacto de aplicaciones de nematodos entomopatógenos sobre poblaciones de la polilla dorso de diamante]. M.G. Rodríguez , R. Enrique, E. González, D. Hernández-Ochandía, L. López and I. Miranda |
| | Entomopathogenic nematode species richness is inversely related to caribbean fruit fly integrated biological control in south Florida. W.K. Heve , F.E. El-Borai, D. Carillo, and L.W. Duncan |
| | Reaction of <i>Phaseolus vulgaris</i> L. genotypes BAT-306 and Triunfo-70 to <i>Meloidogyne incognita</i> . [Reacción de <i>Phaseolus vulgaris</i> L.genotipos BAT-306 y Triunfo-70 a <i>Meloidogyne incognita</i>] M.G. Rodríguez , I. Miranda, H. Hernández, and R. Holgado |
| | Patogénesis de <i>Meloidogyne</i> spp sobre <i>Capsicum baccatum</i> var. <i>pendulum</i> y su relación con represores orgánicos en condiciones de laboratorio y vivero. H. Guardia Casas , C. Cedano-Saavedra y M. |

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| | Delgado-Junchaya |
| | Infestación del nematodo del nudo de la raíz (<i>Meloidogyne incognita</i>) en cinco especies de solanáceas silvestres [Infection of the root-knot nematode (<i>Meloidogyne incognita</i>) in five species of wild solanaces]. X. Navarrete , L. Ron y W. Viera |
| | The efficacy of SALIBRO™ (Fluazaindolizine) on <i>Meloidogyne incognita</i> in corn [Eficacia de SALIBRO™ (Fluazaindolizine) sobre <i>Meloidogyne incognita</i> em maíz. M.R. da Rocha , R.A. Teixeira, W.C. Cabral, R. Serikawa, N.O. Almeida, C.M. de Oliveira, and L.L. Freire. |
| | “Soja louca II” – first study of the host-pathogen relationship [Soja louca II –primeiro estudo da relação patógeno-hospedeiro]. L. Favoreto , M.C. Meyer, A. Calandrelli, M.C.M. da Silva; S.A. da Silva |
| | The potential of two biological agents in supression of <i>Pratylenchus brahyrus</i> population from Central Brazil, in soybean. J. Clemen-Oliveira , A. A. Chaibub, R. A. Teixeira, M. R. Rocha, and M. C. C. Filippi |
| | Evaluation of weight loss caused by nematodes using different treatment under storage systems of yam (<i>Dioscorea rotundata</i>) in Puerto Rico. C.M. Soto-Ramos , M. Feliciano-Rivera y J. Cardona |
| | Education in Nematology: International MSC in Agro-and Environmental Nematology. W. Decraemer , I. Dehennin, N. Smol and W. Bert W. |
| 17:00 – 18:00 | Transportación del BDTC a Teatro Yagüez – Calle McKinley Plaza, Mayagüez PR / Transportation from BDTC to Yagüez Theater – McKinley St. Mayagüez PR |

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| 18:30-22:00 | International Forum: PLANTAIN PARASITIC NEMATODES: How to solve the problem? (Teatro Yagüez Mayaguez, Puerto Rico) |
| 18:30 – 18:40 | Apertura/ Opening (M. Cortés) |
| 18:40 – 18:55 | The economical importance of banana and plantain in Puerto Rico. M. Cortés |
| 18:55 – 19:10 | The situation of plantain and banana parasitic nematodes in Puerto Rico. M. Díaz |
| 19:10 – 19:40 | Nematodos en plátano y opciones de control. (Plantain nematodes and control options). M. Araya . |
| 19:40 – 20:10 | Nematode management on bananas in the French Caribbean islands: is the problem solved? P. Queneherve |
| 20:10 – 20:40 | Control of banana (<i>Musa AAA</i>) root nematode with Nematicur® 40ec, Mocap® 72ec and Vydate® 24 SL in pot plants. [Control de nematodos en raíces de banano (<i>musa aaa</i>) con Nematicur® 40ec, Mocap® 72ec y vydate® 24 SL en plantas cultivadas en macetas]. C. Chávez and M. Araya . |
| 20:40 – 22:00 | Questions Session |
| 22:10 – 22:30 | Transportación al Hotel / Transportation to Hotel |

Jueves 13 de Julio / Thursday 13th July

| Hora / Hour | Actividad / Activity |
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| 08:00 – 15:30 | Visitas Técnicas / Technical Tours |
| 8:00 – 8:15 | Salida hacia Bananera Fabres – Sábana Grande, PR / Departure to Fabres Banana Farm – Sábana Grande, PR |
| 9:00 – 10:00 | Recorrido por la finca / Tour around the farm |
| 10:00 – 10:30 | Receso/ Coffee Break |
| 10:30 – 12:00 | Visita a Finca Orgánica y Empacadora de Banano / Tour to Organic Farm and Banana Packing Plant |
| 12:00 – 13:00 | Salida hacia La Parguera – Lajas, PR / Departure to La Parguera – Lajas, PR |
| 13:00 – 14:15 | Almuerzo en Hotel Villa Parguera / Lunch at Villa Parguera Hotel |
| 14:15 – 14:30 | Salida al muelle de la Bahía / Departure to the Bay dock |
| 14:30 – 15:15 | Paseo en lancha por la Bahía/ Boat tour around the Bay |
| 15:15 – 15:30 | Regreso al Hotel / Return to the Hotel |
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| 18:30 | Ceremonia de Premiaciones ONTA / ONTA Honors and Awards Ceremony Banquete del 50 Aniversario ONTA/ 50th ONTA Anniversary Banquet (Mayagüez Resort & Casino) Cena / Dinner Música por Compay Sebastián / Music by Compay Sebastián Actos de cierre / Closing remarks ONTA |
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Viernes 14 de Julio / Friday 14th July

| Hora / Hour | Actividad / Activity |
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| 09:30-15:00 | Recorrido turístico / Touristic Tour La Oficina de Turismo de la Ciudad de Mayagüez obsequiará con un recorrido turístico por la ciudad / The Tourist Office of the Mayagüez City will give a tour around the city |
| 9:00 – 9:15 | Recogido en el Hotel / Pick up at the Hotel |
| 9:15 – 10:30 | Visita a la Hacienda Mis Abuelos / Visit to Hacienda Mis Abuelo |
| 10:30 – 12:00 | Visita al Museo Maria Eugenio de Hostos / Visit to Hostos' Museum |
| 12:00 – 2:30 | Almuerzo en Tío Mon Restaurante / Lunch at Tio Mon Rest. |
| 2:30 – 3:00 | Regreso al Hotel / Return to the Hotel |
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