IPM Innovation Lab/IAPPS Sponsored symposia

Global Spread and Management of the South American Tomato Leafminer, Tuta absoluta

Organizers: E. A. Heinrichs and Amer Fayad

Session date: Tuesday, September 27, 2016
Session Time: 9:15 AM – 12:00 PM

Goals: To present information on the expanding geographical distribution of T. absoluta, modeling its potential to spread globally, and available management options and to recruit additional members to the “International Tuta absoluta Working Group.”

Session schedule:

09:15 – 09:30: Tuta absoluta programs in IPM Innovation Lab – E. A. Heinrichs and R. Muniappan

09:30 – 09:45: Biology and worldwide spread of T. absoluta – Antonio Biondia, Nicolas Desneux

09:45 – 10.00: Monitoring spread of T. absoluta using a multi-layered network based modeling framework – Abhijin Adiga

10:00 – 10:15: The role of human mobility and infrastructures in pest and disease modeling – Madhav Marathe
10.15 – 10.30: Status of current and proposed regulatory responses by USDAAPHIS to the threat of tomato leaf miner (*Tuta absoluta* Meyrick) invasion into the United States – Joseph Vorgetts, Julieta Brambila, Deivaiah A. Muruvanda, Amy L. Roda

10:30 – 10.45: *Tuta absoluta* in Afghanistan and Central Asia– Harry Bottenberg

10.45 – 11.00: Occurrence of South American tomato moth, *Tuta absoluta* (Meyrick, 1917) (Lepidoptera: Gelechiidae) in India – R. Asokan, V. Sridhar, Y. G. Prasad, S. Venugopalan

11:00 – 11.15: *Tuta absoluta* challenge and management in the Near East and North Africa Region – Shoki Al-Dhobi, Homam Bekheet Homam

11:15 – 11.30: Invasion of the tomato leafminer, *Tuta absoluta* in West Africa: spatial dynamics, ecological niche and potential for biological control –Serigne Sylla, Karamoko Diarra, Thierry Brevault

11:30 – 11:45: Management of *T. absoluta* – Shakir Al-Zaidi

11:45 – 12:00: Discussion and recommendations