

**FROM ECOLOGY TO GENETICS TO STUDY INVASION BIOLOGY:  
WHY SPECIES BECOME INVASIVE? (Session II)**

(24 August, 14h00-17h30, Room 2)

**Chairpersons:** **Maria Navajas** (Institut National de la Recherche Agronomique, Montferrier-sur-Lez, France) / **Ron Ochoa** (USDA-ARS-SEL, Beltsville-MD, USA)

**14h00–14h30: IS GLOBAL WARMING JEOPARDIZING THE BIOLOGICAL CONTROL OF INVASIVE SPECIES? A CASE STUDY IN AVOCADO AGRO-ECOSYSTEMS IN SPAIN**

M. Montserrat & C. Guzmán

**Speaker:** Marta Montserrat - Instituto de Hortofruticultura Subtropical y Mediterránea "La Mayora", Algarrobo-Costa, Málaga, Spain

**14h30–15h00: HOW MUCH ENVIRONMENTAL CONDITIONS DRIVE THE INVASIVE POTENTIAL OF *Tetranychus evansi***

A. Boubou, A. Migeon, P. Auger & M. Navajas

**Speaker:** Alain Migeon - INRA/ IRD/ Cirad/ Montpellier SupAgro, Montferrier-sur-Lez, France

**15h00–15h30: ENVIRONMENTAL IMPACT OF INTERNATIONAL EXCHANGE OF BENEFICIAL AGENTS TO CONTROL INVASIVE MITE PESTS**

L.A.N. Sá

**Speaker:** Luiz Alexandre Nogueira Sá - Laboratório de Quarentena Costa Lima, EMBRAPA Meio Ambiente, Jaguariúna-SP, Brasil

**15h30–16h00: GENETIC DIVERSITY OF THE LYME BORRELIOSIS PATHOGEN WITHIN ENDEMIC AREAS, EMERGING AREAS AND CRYPTIC TRANSMISSION CYCLES IN THE UPPER MIDWESTERN UNITED STATES**

S.A. Hamer, G.J. Hickling, E.D. Walker & J.I. Tsao

**Speaker:** Jean I. Tsao - Michigan State University, East Lansing-MI, USA

**16h00–16h15:** Coffee Break

**16h15–16h45: HOST-SPECIFICITY AND HOST-SWITCHING AMONG VARROA MITES: IMPACT IN INVASION SUCCESS**

D.L. Anderson

**Speaker:** Denis L. Anderson - CSIRO Entomology, Canberra, Australia

**16h45–17h30: GENERAL DISCUSSION ON INVASIONS – TAKE-HOME MESSAGE**

**Maria Navajas** - Institut National de la Recherche Agronomique, Montferrier-sur-Lez, France / **Ron Ochoa** - USDA-ARS-SEL, Beltsville-MD, USA