

**ORAL SESSION****MITE BEHAVIOUR & BIOLOGY**

24 August, 14h – 17h30, Room 1

**Chairpersons:** **Bas Ruhé** (Institute for Biodiversity and Ecosystem Dynamics, Universiteit van Amsterdam, Amsterdam, Netherlands) / **Aina Astudillo Fernandez** (Université libre de Bruxelles, Brussels, Belgium)

**14h-14h20: AGGREGATION BEHAVIOUR AND GENETIC DIVERSITY IN *Tetranychus urticae***

G. Le Goff, A-C. Maillieux, C. Detrain, J-L. Deneubourg, G. Clotuche,  
A. Astudillo-Fernandez & T. Hance

**14h20-14h40: OBSERVATIONS ON MATING BEHAVIOR IN *Hericia janehenleyi* AND *Fusohericia lawrencei* (SARCOPTIFORMES: ASTIGMATINA: ALGOPHAGIDAE), INHABITANTS OF SAP FLUX ON TREES**

N.J. Fashing

**14h40-15h: MECHANISMS OF GROUP COHESION IN THE TWO-SPOTTED SPIDER MITE**

A. Astudillo Fernandez, G. Clotuche, G. Le Goff, T. Hance & J.L. Deneubourg

**15h-15h20: WHY *Tetranychus urticae* PREFERS THE UNDERSIDE OF LEAVES: KINETIC RESPONSES TO UV-B AND VISIBLE LIGHT?**

T. Suzuki, T. Kojima, M. Takeda & M. Sakuma

**15h20-15h40: RECOGNITION OF ODOURS OF PLANTS INFESTED WITH PREY BY *Amblyseius swirskii***

R. van Maanen, B. Ruhé & A. Janssen

**15h40-16h: HERITABILITY AND ARTIFICIAL SELECTION ON AMBULATORY DISPERSAL IN *Tetranychus urticae***

E.V. Bitume, D. Bonte, S. Magalhaes, I. Olivieri & C.N. Nieberding

**16h-16h15: Coffee Break****16h15-16h35: EFFECT OF HOST PLANTS ON GROWTH AND REPRODUCTION OF THE BROAD MITE, *Polyphagotarsonemus latus* (BANKS)**

P. Vichitbandha & A. Chandrapatya

**16h35-16h55: INFLUENCE OF TEMPERATURE ON THE POST-EMBRYONIC DEVELOPMENT AND DISTRIBUTION OF THE COCONUT MITE, *Aceria guerreronis***

T.R. Sobha & M.A. Haq

**16h55-17h15: GLANDULAR TRICHOME 'FORESTS' ON TOMATO LEAVES ACT AS A PREDATION REFUGE FOR TOMATO RUSSET MITES**

S. Simoni & M.W. Sabelis

**17h15-17h35: EFFECTS OF *Aculops lycopersici* ON TRICHOME DENSITY AND ESTABLISHMENT OF PREDATORY MITES (ACARI: PHYTOSEIIDAE) ON TOMATOES**

Y.M. van Houten, H. Hoogerbrugge, J. Rothe, M. Knapp & K.J. Bolckmans