

**SEMINAR AND ORAL SESSION****MOLECULAR BIOLOGY & PHYLOGENY**

23 August, 14h00-17h30, Room 1

**Chairpersons:** **Mireille Okassa** (CBGP, Campus International de Baillarguet, Montferrier-sur-Lez cedex, France) / **Koichi Goka** (National Institute for Environmental Studies, Onogawa, Tsukuba, Ibaraki, Japan)

**14h-15h00: Seminar - THE FIRST CHELICERATE GENOME OF A MAJOR AGRICULTURAL PEST, SPIDER MITE *Tetranychus urticae*, NA EMERGING MODEL FOR PLANT-HERBIVORE INTERACTIONS**

Miodrag Grbic - University of Western Ontario, London, Canada

**15h-15h20: MOLECULAR DIAGNOSTIC WITHIN A PHYTOSEIIDAE SPECIES *Typhlodromus (Typhlodromus) exhilaratus* RAGUSA (ACARI: MESOSTIGMATA) AT DIFFERENT LIFE STAGES**

M. Okassa, M.-S. Tixier, B. Cheval & S. Kreiter

**15h20-15h40: MANAGEMENT UNITS OF THE PREDATORY MITE *Neoseiulus womersleyi* FOR CONSERVATION BIOLOGICAL CONTROL IN A TEA FIELD**

N. Hinomoto, Y. Todokoro & T. Higaki

**15h40-16h00: THE GENOMICS OF HERBIVORE-PLANT INTERACTION: WHOLE GENOME SEQUENCE OF *Tetranychus urticae* PROVIDES NOVEL GENOMIC TOOLS FOR DISSECTING PLANT-PEST RELATIONSHIP**

V. Grbic, R. Clark, S. Rombauts, Y. van de Peer & M. Grbic

**16h-16h15: Coffee Break**

**16h-16h15: THE COLLAPSE OF HOST-PARASITE CO-EVOLUTIONARY HISTORY CAUSED BY BIOLOGICAL INVASION**

K. Goka & K. Okabe