

**ACARICIDE RESISTANCE AND CHEMICAL CONTROL
OF ECONOMICALLY IMPORTANT MITE AND TICK SPECIES (Session I)**

(24 August, 09h00-12h00, Room 3)

Chairpersons: **Andrew Y. Li** (USDA-ARS, Kerrville-TX, USA) / **Joon-Ho Lee** (Seoul National University, Seoul, Korea) / **Celso Omoto** (ESALQ, Universidade de São Paulo, Piracicaba-SP, Brazil)

09h00–09h30: ACARICIDE RESISTANCE MANAGEMENT FOR *Tetranychus urticae* IN BRAZIL

M.E. Sato, M.Z. da Silva, R.L. Nicastro, D.S. Rais & L.A. Iwassaki

Speaker: Mário Eidi Sato - Instituto Biológico, Campinas-SP, Brazil

09h30-10h00: AN APPROACH TO ACARICIDE-RESISTANCE DEVELOPMENTS FROM PERSPECTIVES OF GENETIC LINKAGES AND POPULATION STRUCTURES IN SPIDER MITES

Mh. Osakabe, R. Uesugi, M. Asahara & T. Matsuo

Speaker: Masahiro Osakabe - Kyoto University, Kyoto, Japan

10h00-10h30: THE EFFECT OF HABITAT DISTURBANCE AND ANTHROPOGENIC TRANSPORTATION ON THE EVOLUTION OF ACARICIDE RESISTANCE IN THE TWO-SPOTTED SPIDER MITE *Tetranychus urticae* (ACARI: TETRANYCHIDAE)

K. Goka

Speaker: Koichi Goka - National Institute for Environmental Studies, Tsukuba, Japan

10h30-10h45: Coffee Break

10h45-11h15: MOLECULAR ASPECT OF ACARICIDE RESISTANCE OF THE TWO SPOTTED SPIDER MITE

D.H. Kwon & S.H. Lee

Speaker: Deok Ho Kwon - Seoul National University, Seoul, Korea

11h15-11h45: ACARICIDE RESISTANCE MANAGEMENT OF THE TWO-SPOTTED SPIDER MITE, *Tetranychus urticae* (ACARI: TETRANYCHIDAE) BY INCORPORATING MODELING APPROACH

J.-H. Lee & S.-H. Koh

Speaker: Joon-Ho Lee - Seoul National University, Seoul, Korea

11h45-12h00: GENERAL DISCUSSION