



# **BEEKEEPING FOR THE FUTURE: The 10TH Integrated Beekeeping Systems Workshop**

**Tuesday, February 7th and Wednesday, February 8th, 2012**

This is the 10th Beekeepers for the future workshop. We continue to place emphases on Integrated Pest Management and Beekeeping Management Systems. This year, we are going to focus once again on Varroa mites, Nosema, Colony Collapse Disorder, breeding bees, bee stocks and making nucs. Our talks will include recent advances in bee breeding, colony collapse disorder in the USA, and new products for Varroa control. Development in the situation of the Small Hive Beetle in Quebec and Ontario and potential impacts on bees and bee imports will be discussed.

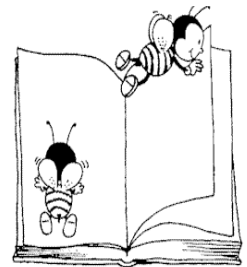
For the 2012 workshop, we will have an excellent selection of guest speakers in addition to our regular speakers.

**Guest speakers are:**

- **Dr. Jose Villa:** José Villa is a research entomologist at the Honey Bee Breeding Laboratory (USDA, Agriculture Research Service) in Baton Rouge, Louisiana, USA. DR. Villa's current research focus is on selection for resistance to Varroa mites and *Nosema ceranae*. He has also studied mechanisms and genetics of resistance towards tracheal mites, and aspects of overwintering, pollination, mating control and swarming biology. His research projects have also included work on Africanized bees in South and Central America, and commercial, selected (VSH), imported (Buckfast and Russian) and feral bees in the United States.

- **Dr. Ernesto Guzman:** Ernesto Guzman is a Professor at University of Guelph, Ontario, Canada. Guzman research is focused on honey bee breeding, genetics and behaviour and honey bee pathology. He published many articles on the genetics of defensive behaviours of Africanized honey bees and impact on beekeeping in Mexico. He is recent started working on *Nosema ceranae* and bee mortality in Canada. He also developed Thymol treatment for Varroa mites in bee colonies. He authored a book on Honey Bee Genetics and Breeding.

- **Mr. Geoff Wilson, M.Sc.:** Geoff Wilson is Saskatchewan's Provincial Apiculturist. He is involved in developing a research and extension programs in Saskatchewan. Currently, he is studying efficacy of alternative treatments (e.g. MAQS and HopGard) for Varroa mites on the Prairies.



- **Ms. Lynae Vandervalk, M.Sc. (Candidate):** Lynae Vandervalk is M. SC. student at University of Alberta. Her research project is on screening miticides for Varroa control. She is testing HopGard, formic acid and Thymovar under field conditions. She is also screening synthetic miticides for Varroa control under laboratory conditions. She helps in the honey bee surveillance program at Alberta Agriculture.

**Location:** Executive Royal Inn, West Edmonton  
10010 178 Street Edmonton, AB T5S 1T3  
**For hotel reservation at the Executive Royal Inn  
Call and ask for beekeepers' deal:**  
Phone: 780.484.6000  
**Toll Free 1.800.661.4879**

"A Field Guide to Honey Bees and Their Maladies", newly edited booklet, published by Penn State University, PA, USA is included with the workshop registration.

**Workshop Dates:** Tuesday, February 7th, 2012: From 8:30 am to 5:00 pm  
Wednesday, February 8th, 2012: From 8:30am to 4:30

**Registration: Save \$20 and mail your Pre-Registration by January 31, 2012**

**Two-day Pre-Registration and lunch both days: \$170**

**Two-day At-the-door Registration and lunch both days: \$190**

**Make cheques payable to: Beekeepers Commission, 11434 168 Street Edmonton AB T5M 3T9**