



International Union of Forest Research Organizations

DIVISION 7 - FOREST HEALTH



Programme

Sunday, September 12th, 2010

13:00 – 19:00: Registration at Hotel Chorin, Neue Klosterallee 10, 16230 Chorin and
→ **Upload of presentations for Monday**

(registration will be right next to the Hotel Chorin check-in counter and, during the mixer, right at the entrance to the hall at Hotel Chorin)

15:00: Optional concert (20 Euro / Person) in the Chorin monastery (10 min. walking from the Hotel Chorin)

17:00: Optional guided tour through the Chorin monastery (5 Euro / Person, duration 1 hr, in English)

For reservations for the optional concert and tour please contact Andreas Linde (alinde@hnee.de)

18:30 – 21:00: Mixer at the Hotel Haus Chorin: Welcome drinks and buffet.

Monday, September 13th, 2010

08.00: Bus transport of participants from Chorin to the University lecture hall: (Friedrich-Ebert Str. 28 in 16225 Eberswalde).

08:30 – 09:00: Photograph of participants and registration in the university lobby

09:00 – 09:50: Welcome and Introduction in the lecture hall (ground floor)

Chair: A. Liebhold & A. Linde

Friedhelm Boginski (Mayor of Eberswalde) - welcome address

Prof. Dr. Wilhelm-Günther Vahrson (President, University of Applied Sciences Eberswalde) – From the Forest Academy in 1830 to the University in 2010

Prof. Dr. Klaus Höppner (Head of LFE) – Danckelmann and his heritage: IUFRO and the LFE

Dr. Andrew LIEBHOLD (USDA; coordinator of IUFRO Division 7 “Forest Health”) – welcome address

Andreas Linde: Organizational announcements

09:50 – 10:20: *Coffee Break*, lobby next to lecture hall

10:20 – 12:20: **Scientific presentations** in the lecture hall (ground floor, next to lobby)

10:20: Brockehoff, E. Susceptibility of exotic and European pines to the pine processionary moth

10:40: Robinet, C. Heated islands and the trade of large trees responsible for long distance jumps of the pine processionary moth beyond its expanding edge

11:00: Klapwijk, M. Insect outbreaks and Climate Change

11:20: Péré, C. Using altitudinal gradients to assess the effect of climate change on forest insect

11:40: Jactel, H. Effect of drought on forest pest and pathogen damage: a meta-analysis

12:00: Suhovolsky, O. Modeling of forest insects' outbreaks as a second-order phase transitions

12:20 – 13:30: *Lunch at the Mensa* (next to lobby) *or in surrounding restaurants*
(individual payment, 4.60 Euro per meal plus beverage)

→ **Poster setup during lunch break or coffee break** (*lobby*)

→ **Upload of presentations for Tuesday** (*lobby*)

13:30 – 15:10: **Scientific presentations** in the lecture hall (ground floor, next to lobby)

13:30: Baranchikov, Y. Siberia: a corridor for the invasive forest insects to go through

13:50: Liebhold, S. Spatial and Temporal Patterns of Forest Insect and Disease Invasions in the USA

14:10: Kirichenko, N. Attack by leaf miners on alien and native woody plant species in North Asian and European arboreta

14:30: Müller, M. The Principle of Allochthonous Kairomones

14:50: Douce, K. Resources and information technology tools to support integrated management of forest pests: The Center for Invasive Species and Ecosystem Health (www.bugwood.org).

15:10 – 15:30: *Coffee Break*

15:30 – 16:50: **Poster session** (in the lobby, right in front of the lecture hall)

17:00: Scenic boat trip (*included in registration fee*) along the historic Finow canal (snacks provided). Walking time 10 min. from the lecture hall to the docks.

Return to hotels by bus approx. 19.30

Tuesday, September 14th, 2010

08:00: Bus transport of participants from Chorin to the University lecture hall (Friedrich-Ebert Str. 28 in 16225 Eberswalde)

08:30 – 10:30: Scientific presentations in the lecture hall (ground floor, next to lobby)

08:30: Lyons, B. Investigations into the Potential Biological Control of the Invasive Species, *Agrilus planipennis* (Coleoptera: Buprestidae), in North America using Native Parasitoids

08:50: Branco, M. Biological control of *Gonipterus "scutellatus"* (Coleoptera: Curculionidae) – how critical is the correct species identity?

09:10: Salom, S. Ongoing Research Efforts for *Laricobius* (Coleoptera: Derodontidae) as Biological Control Agents for Hemlock Woolly Adelgid

09:30: Havill, N. Hybridization between the introduced predator, *Laricobius nigrinus* (Coleoptera: Derodontidae), and native *L. rubidus*: implications for hemlock woolly adelgid biological control

09:50: Wallin, K. Ecology and Behavior of Hemlock Woolly Adelgid (*Adelges tsugae*) Predators from Pacific Northwest USA

10:10: Dix, M. E. The role of biological control in sustaining the ecosystem health of forests and rangelands in the United States

10:30 – 11:00: Coffee Break

11:00 – 13:00: Scientific presentations in the lecture hall (ground floor, next to lobby)

11:00: D'Amico, V. Using LdNPV to Control Gypsy Moth

11:20: Majewski, A. Impact of time of application on the efficacy of entomopathogenic nematodes used against *Hylobius abietis* L

11:40: Dillon, A. Are nematodes on target ? Efficacy and environmental safety of entomopathogenic nematodes in a pine weevil biocontrol programme

12:00: Harvey, C. Nematodes for control of the large pine weevil: Assessing the risk to important non-target insects on clearfell sites in Ireland

12:20: Grégoire, J.C. Biological control of *Ips typographus* overwintering in the forest litter using *Beauveria bassiana*

12:40: Sierpinska, A. *Beauveria brongniartii* products in the protection of forest plantations in Poland against *Melolontha* spp. white grubs

13:00 – 14:00: Lunch at the Mensa (next to lobby) or in surrounding restaurants

→ **Upload of presentations for Thursday** (lobby)

14:00 – 16:00: Scientific presentations in the lecture hall (ground floor, next to lobby)

14:00: Wilken, C. Biocontrol of Eucalyptus bronze bug *Thaumastocoris peregrinus* (Hemiptera: Thaumastocoridae) with entomopathogenic fungi in Brazil

14:20: Stephen, F. Biological control of southern pine beetle: history and future

14:40: Goertz, D. The effects of two insect predators on horizontal transmission of microsporidia infecting gypsy moth (*Lymantria dispar* L.)

15:00: Wegensteiner, R. *Canningia tomic* (Microsporidia, Unikaryonidae) in the pine shoot beetles *Tomicus piniperda* and *Tomicus minor* (Coleoptera, Curculionidae, Scolytinae)

15:20: Yaman, M. A new neogregarine pathogen of the great spruce bark beetle, *Dendroctonus micans* (Kugelann) (Coleoptera: Curculionidae, Scolytinae); *Menzbieria chalcographi* (Apicomplexa:

15:40: Burjadnadze, M. *Gregarina typographi* Fuchs (Apicomplexa: Gregarinidae), pathogen of spruce bark Beetle, *Ips typographus*, and Six-Toothed Pine Bark Beetle, *Ips sexdentatus*, in South Caucasus

16:00 – 16:30: Coffee Break

16:30 – 18:30: Scientific presentations in the lecture hall (ground floor, next to lobby) –

16:30: Kenis, M. Will climate change affect the natural control of forest pests by parasitoids and predators?

16:50: Jannin, A. Biocontrol using the « Pest-in-first » method. Preliminary studies regarding the deliberate introduction of a forest pest

17:10: Trotter, T. Using an Exotic Tree as an Ecological Surrogate for the Maintenance of Native Arthropod Biodiversity

17:30: Krüger, F. On the Influence of an Insecticide Application on the Dynamics of Oak-Dieback and Non-Target arthropods in full grown Oak-stands

17:50: Glavendekic, M. Native species *Homalotylus flaminius* Dalman (Hymenoptera, Encyrtidae) parasitoid of *Harmonia axyridis* on Balkan Peninsula.

18:10: Selek, F. Some Results of Life Cycle and Predators of *Orthotomicus erosus* Woll. in Turkey

→ **Poster removal**

18:40 and 21.00:

Bus transport of participants from the university to hotels in Chorin.

(you may either return to the Hotel Chorin or decide to spend the evening in Eberswalde's bar and restaurants. Therefore, one bus will leave late. Also, you may share a taxi to Chorin)

Wednesday, September 15th, 2010

Excursion to southern Brandenburg (Lieberose):

08:15: Departure from Hotels in Chorin

08:30: Pick-up of excursion participants from university in Eberswalde (lobby)

11:00 Arrival in PHOENIX experimental forest; welcome and introduction

12:00: *Picnic in the field (soup, drinks)*

12:30 – approx. 15:30: Guided tour through the PHOENIX experimental forest (in two groups of 45 participants each)

approx. 16:00: Departure to Eberswalde and Chorin

approx. 18:00: Arrival in Eberswalde or at the hotels in Chorin

(you may either return to the Hotel Chorin or decide to spend the evening in Eberswalde's bar and restaurants. Therefore, one bus will leave late. Also, you may share a taxi to Chorin)

Thursday, September 16th, 2010

08:00: Bus transport of participants from Chorin to the University lecture hall (Friedrich-Ebert Str. 28 in 16225 Eberswalde).

08:30 – 10:30: **Scientific presentations** in the lecture hall (ground floor, next to lobby)

08:30: **Pajares, J.** Chemical communication in the pine sawyer *Monochamus galloprovincialis*. Potential for monitoring and control

08:50: **Alvarez Baz, G.** Dispersal of released Pine Sawyer Beetle, *Monochamus galloprovincialis* (Coleoptera: Cerambycidae) in a forest stand

09:10: **Økland, B.** Is eradication of the pinewood nematode likely? - a simulation approach to evaluate current contingency plans

09:30: **Flaherty, L.** Top-down and bottom-up factors influencing the performance of the exotic brown spruce longhorn beetle, *Tetropium fuscum* (F.), in Canada

09:50: **Sweeney, J.** Pheromone-based population suppression of an invasive longhorn beetle, *Tetropium fuscum* (F.)

10:10: **Keena, M.** Understanding Asian Longhorned Beetle Reproductive Behaviors and Using Semiochemicals to Monitor for its Presence

10:30 – 11:00: *Coffee Break*

11:00 – 13:00: Scientific presentations in the lecture hall (ground floor,next to lobby)

11:00: Fleming, R. Will mountain pine beetle (*Dendroctonus ponderosae* Hopk. (Coleoptera: Scolytidae)) spread into eastern Canada? A module for the local population dynamics

11:20: Lahr, E. Tree resource depletion following mountain pine beetle attack: The interaction between beetles, fungi, and the host tree.

11:40: Etxebeste Larranaga, I. Verbenone at the *Ips sexdentatus* management strategies: new results and reflections

12:00: Jakus, R. The study of bark beetle migration and attack spreading in two neighboring areas with different management approaches in Böhmerwald

12: 20: Sukovata, L. Mating disruption as an alternative method to control the nun moth in Poland

12:40: Hielscher, K. Surveillance of nun moth (*Lymantria monacha* L.) with pheromone traps in Brandenburg, Germany - economization of the method

13:00 – 14:00: Lunch at the Mensa (next to lobby) or in surrounding restaurants

14:00 – 16:00: Scientific presentations in the lecture hall (ground floor,next to lobby)

14:00: Nealis, V. Ecology and management of blackheaded budworm, *Acleris gloverana*, in Pacific coastal forests of North America

14:20: Meurisse, N. Oak processionary moth, investigating population dynamics in an urticating caterpillar

14:40: Petko, V. Spatial structure of Siberian moth populations between outbreaks

15:00: Yu-Lung Hsieh, S. Arboreal spider diversity and community change with growth of European beech: What does it mean to forestry conservation and sustainability?

15:40: Horak, J. Beetles in Pasture Woodland

16:00 – 16:30: Coffee Break

16:30 – 17:00: Business meeting of all participants of the three IUFRO WP's – lecture hall, (ground floor)

17:00 – 18:00: Scientific presentations in the lecture hall (ground floor, next to lobby)

17:00: Elkinton, J. Population fluctuation and spread of winter moth, *Operophtera brumata*, in the northeastern US.

17:20: Bylund, E. Spatio-temporal patterns in winter moth outbreaks in Fennoscandia and across Europe

17:40: De Rio Mora, A. Non target insects response to semiochemicals: a study case for *Conophthorus*(Coleoptera: Scolytinae) in Mexico

18:00: Bus transport of participants from the university to hotels in Chorin.

19.00 – 22:00: Banquet at Hotel “Haus Chorin”

22:00: Bus transfer of banquet participants to other hotels and/or Eberswalde