

PROGRAMME

IHGC

**SCIENTIFIC
COMMISSION**

KIEV, UKRAINE, 04 -09 JUNE 2013



Tuesday, 04 June 2013

ARRIVAL OF DELEGATES at the Hotel Kiev

16:00 - 19:00 REGISTRATION

19:00 Opening ceremony.
Greetings to delegates

19:30 DINNER - FREE TIME

Wednesday, 05 June 2013

08:00 - 08:30 REGISTRATION

LECTURE SESSIONS: Hotel "Kiev"

08:30 - 09:00 OPENING

Session I: HOP BREEDING

Chair: Gene Probasco

09:00 - 09:20 Recent advances
in hop breeding in Australia
Anthony Koutoulis

09:20 - 09:40 Hop breeding in Czech Republic
Vladimir Nesvadba

09:40 - 10:00 Could there be a dominant gene
for susceptibility to powdery mildew?
Peter Darby

10:00 - 10:10 Discussion

10:10 - 10:40 COFFEE BREAK

Session I: HOP BREEDING (*continued*)

Chair: Peter Darby

10:40 - 11:00 Breeding of Special Flavor Hops
to Pave the Way to the Craft
Brewers` Scene
Elisabeth Seigner

Wednesday, 05 June 2013

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- 11:40 - 12:00 Intersexes in hop - morphological, cytological and genetic view
Andreja Cerenak
-
- 12:00 - 12:20 Biochemical and genetic diversity of wild hops in Slovak Republic
Juraj Farago
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- 12:30 - 12:40 Discussion
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- 12:45 - 14:00 LUNCH in the HOTEL KIEV

Session II: BIOTECHNOLOGY

Chair: *Juraj Farago*

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- 14:00 - 14:20 Biotechnological approach for in vitro cloning of virus-free hops (*Humulus lupulus* L.) and formation of organic hop gardens in the Ukraine
Maksym Melnychuk
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- 14:20 - 14:30 Discussion

Session III: CHEMISTRY AND BEER

Chair: *Martin Biendl*

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- 14:30 - 14:50 Analytical aroma characterization of the new Hull "Special-Flavor-Hops" - current state of research
Klaus Kamhuber
-
- 14:50 - 15:10 Dry hopping techniques - how to extract the best hop flavours
Christina Schonberger
-
- 15:10 - 15:30 Cohumulone and beer bitterness
Karel Krofta
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- 15:30 - 15:40 Discussion
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- 15:40 - 16:10 COFFEE BREAK
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- 16:10 - 18:00 Poster Session and Workgroups
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- 18:00 - 20:00 Free time
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- 20:00 OFFICIAL DINNER (Hotel Kiev), CONCERT
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Thursday, 06 June 2013

Session IV: **MANAGEMENT OF HOP DISEASES AND PESTS**

Chair: Sebastjan Radisek

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- 08:30 - 08:50 Residue analysis of hops - strategy, suitable method, results
Martin Biendl
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- 08:50 - 09:10 Downy mildew control in organic hops by the minimal use of copper fungicides - how low can we go?
Florian Weihrauch
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- 09:10 - 09:30 Research activities against hop wilt in German hop growing region
Stefan Seefelder
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- 09:30 - 09:50 Genomic analysis of fungal pathogen *Verticillium albo-atrum*
Branka Javornik
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- 09:50 - 10:00 Discussion
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- 10:00 - 10:30 COFFEE BREAK

Session IV: **MANAGEMENT OF HOP DISEASES AND PESTS (continued)**

Chair: Jaroslav Matousek

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- 10:30 - 10:50 Research activities focused to hop viroid diseases in Slovenia
Sebastjan Radisek
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- 10:50 - 11:00 Discussion
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- 11:00 - 12:00 Poster Session and Workgroups
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- 12:00 - 13:00 LUNCH
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- 13:00 - 14:00 ADMINISTRATIVE MEETING
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Thursday, 06 June 2013

Session IV: **MANAGEMENT OF HOP DISEASES AND PESTS (continued)**

Chair: *Florian Weihrauch*

14:00 - 14:20 The control of two-spotted spider mite (*Tetranychus urticae*) with the help of released predatory mites *Typhlodromus pyri* and native acarophagous predators within IPM and organic hop growing systems in CR
Josef Vostrel

14:20 - 14:40 The methods of monitoring and management of the European corn borer (*Ostrinia nubilalis*) in Slovenian hop garden
Magda Rak-Cizej

14:40 - 14:50 Discussion,

14:50 - 15:10 COFFEE BREAK

15:30 - 16:00 Departure to the Industrial Brewery "OBOLON",

Kiev, 3, Bogatyrskaya str.,
www.obolon.com

16:30 - 18:30 VISIT OF THE "OBOLON" TECHNOLOGICAL LABORATORIES, beer tasting, discussions

19:00 - 19:30 Departure to the Dnieper River - shipping pier

19:30 - 21:30 TOUR ON THE DNEIPER RIVER & DINNER ON THE SHIP

Friday, 07 June 2013

Session V: MOLECULAR INVESTIGATIONS ON HOPS

Chair: *Josef Patzak*

09:00 - 09:20 Regulation of lupulin biosynthesis by hop transcription regulation factors and some strategies to enter the regulation network
Jaroslav Matousek

09:20 - 09:40 Changes in endogenous phytohormone levels and involved gene expressions in dwarf hop plants
Josef Patzak

09:40 - 09:50 Discussion

Session VI: PHYSIOLOGY OF HOPS

Chair: *Ewa Solarska*

09:50 - 10:10 Physiological processes of hop leaves damaged by pests and diseases
Jaroslav Pokorny

10:10 - 10:20 Discussion

10:20 - 10:40 COFFEE BREAK

Session VII: HOP PRODUCTION

Chair: Maksym Melnychuk

10:40 - 11:00 Sensor technique to reduce amounts of pesticides
Johann Portner

11:00 - 11:20 Fertilization of organic hops
Ewa Solarska,
Marzena Marzec

Friday, 07 June 2013

11:20 - 11:40 Temporary permanent grassing
in hop low trellis
Josef Jezek

11:40 - 11:50 Discussion

11:50 - 12:10 Final Remarks

12:15 - 13:30 LUNCH

14:00 - 15:30 VISIT OF THE UKRAINIAN
PARLIAMENT,
OFFICIAL MEETING,
AWARD CEREMONY,
PICTURE SESSION

15:30 - 19:00 SIGHTSEEING TOUR
THROUGH KIEV
(walk or bus tour- must
be selected during
the registration)

19:30 DINNER at the Experimental Brewery /
Restaurant "Prochodimets Podolsky",
37, Konstantinovskaya str., Kiev
CONCLUSIONS AND AWARDS

Saturday , 08 June 2013

9:00 - 18:00 AGRO TOUR:

- ORGANIC HOP GARDEN
OF THE UNIVERSITY
in the Kiev region,
- VISIT OF LABORATORIES
- NATIONAL PARK

Final discussion

Sunday , 09 June 2013

DEPARTURE of the delegates

**OFFICIAL
PARTNERS:**



OBOLON
www.obolon.ua



ZEMAN
www.pat-lutskij-pivzavo.uaprom.net



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