

| Nr | Date           | Time  | Session  | Speaker(s)          | Title   |
|----|----------------|-------|--|---------------------|---|
|    | <b>26 June</b> | 09:00 | <b>Opening and welcome words</b>   |                     |   |
| 1  |                | 09:10 | <b>Hop breeding</b>  | Čerenak A           | The Slovenian hop industry: a general overview  |
| 2  |                |       | Chair: Hajdu K.  | Nesvadba V          | Breeding hops for drought resistance  |
| 3  |                |       |  | Gresset S / Lutz A  | Optimizing hop production sustainability by breeding  |
| 4  |                |       |  | Willaert L          | Hop breeding in Belgium: development of regional hop varieties  |
|    |                | 10:30 | Coffee break   |                     |   |
| 5  |                | 11:00 | <b>Marketing</b>   | Pavlovič M          | Economic impact of proprietary varieties on hop markets   |
| 6  |                |       | <b>Entomology</b>  | Vostřel J           | The control of damson-hop aphid ( <i>Phorodon humuli</i> Schrank) and two-spotted spider mite ( <i>Tetranychus urticae</i> Koch) by Rock Effect New ( <i>Pongamia pinnata</i> ) |
| 7  |                |       | Chair: Walsh D.  | Rak-Cizej M         | Is the reproductive performance of female European corn borer, <i>Ostrinia nubilalis</i> , a useful method in biological control?   |
| 8  |                |       |  | Weihrauch F         | Final adjustments for the technical application of predatory mites in hops  |
| 9  |                |       |  | Lusebrink I         | Herbivore-induced resistance of hop plants against spider mites - state of play   |
|    |                | 12:40 | Lunch break  |                     |   |
| 10 |                | 14:00 | <b>Hop cultivation and management I</b>  | Cancela JJ          | Spatial soil variability in a hop field in Galicia  |
| 11 |                |       | Chair: Laupheimer S.   | Obermeier K         | Influence of different cover-cropping systems in hops on humus balance and soil physics   |
| 12 |                |       |  | Naglič B            | Irrigation of hop in the Savinja valley: irrigation systems   |
| 13 |                |       |  | Čeh B               | Exploring innovative strategies for the management of hop waste biomass   |
|    |                | 15:20 | Coffee break   |                     |   |
| 14 |                | 15:50 | <b>Hop cultivation and management II</b>   | Cardozo A / Testa H | Improving hop yield with plant growth-promoting rhizobacteria   |
| 15 |                |       | Chair: Cancela J.J.  | Moretti M           | Exploring the use of electric current for weed control in hop yards   |
| 16 |                |       |  | Srečec S            | Prediction of alpha-acids accumulation in hop cones according to empiric mathematical model, general linear regression, and Cobb-Douglas production model-function              |
|    |                | 16:45 | <b>IHGC-STC administrative meeting</b>   |                     |   |
|    |                | 17:30 | <b>Guided tour to the old city center and Ljubljana Castle, followed by joint dinner in the 'Gostilna Sokol'</b> |                     |   |
| 17 | <b>27 June</b> | 09:00 | <b>Hop viroids</b>   | Krönauer Ch         | News and insights from the CBCVd monitoring in Germany  |
| 18 |                |       | Chair: Hagemann M.   | Sečnik A            | Epigenome analysis of CBCVd-infected hop plants ( <i>Humulus lupulus</i> )  |
| 19 |                |       |  | Dobrajc M           | Transmission of Citrus bark cracking viroid (CBCVd) with soil and roots   |
| 20 |                |       |  | Jagani S            | Risk of hop viroids in citrus-based plant strengthening products  |
| 21 |                |       |  | Jakše J             | Nanopore sequencing of hop viroids  |
|    |                | 10:30 | Coffee break   |                     |   |
|    |                | 11:00 | <b>Mid-congress tour to Žalec: IHPS and the Slovenian hop growing region</b>                                     |                     |   |
| 22 | <b>28 June</b> | 09:00 | <b>Phytopathology I</b>  | Jeseničnik T        | Plant pathogenic fungi under inspection: The <i>Verticillium nonalfalfae</i> case report  |
| 23 |                |       | Chair: Patzak J.   | Štajner N           | The defensive role of secondary metabolites and Small RNAs during hop- <i>Verticillium</i> interactions   |
| 24 |                |       |  | Lutz K              | Identification of hop cultivars tolerant to <i>Verticillium</i> wilt  |
| 25 |                |       |  | Radišek S           | <i>Verticillium</i> wilt management in hop by using green manure crops  |
| 26 |                |       |  | Gent D              | Coupling an epidemiological and economic model to optimize management of hop powdery mildew at the landscape level  |
|    |                | 10:30 | Coffee break   |                     |   |
| 27 |                | 11:00 | <b>Phytopathology II</b>   | Laupheimer S        | Volatile-mediated signalling modulates resistance in neighbouring plants  |
| 28 |                |       | <b>New frontiers of hop cultivation</b>  | Khlynovskiy M       | Actual issues of hop growing in Russia  |
| 29 |                |       | Chair: Čerenak A.  | Testa H / Legisa D  | An overview on Argentinian hops: from industry focused varieties to re-purposing old hops into new trends   |
| 30 |                |       |  | Ruggeri R           | Could hops become a Mediterranean crop? Opportunities and constraints of their cultivation in Italy   |
| 31 |                |       |  | Loussert P          | Analysis of climate change scenarios and associated impact on the development of hop production in the South-West of France   |
|    |                | 12:40 | Lunch break  |                     |   |
| 32 |                | 14:00 | <b>Hops and aroma</b>  | Waldinger M         | Identification and genetic regulation of aroma relevant compounds in hops   |
| 33 |                |       |  | Dubs S              | From the olfactory signature of hop cones to the aroma profile of beer: screening of volatile compounds by GC/MS  |
| 34 |                |       | <b>Hop diseases and hop quality</b>  | Obster R            | Things aren't quite what they used to be? Availability of pesticides for use in hops in Germany in the 21st century   |
| 35 |                |       | Chair: Sugimura T.   | Forster A           | How do diseases influence hop quality? Part 1: Influence on the quality characteristics of hops   |
| 36 |                |       |  | Schüll F            | How do diseases influence hop quality? Part 2: Influence on the quality of beer   |
|    |                | 16:00 | Coffee break   |                     |   |
|    |                | 16:30 | <b>Poster teaser presentations (3 minutes each)</b>  |                     |   |
|    |                |       | Chair: Weihrauch F.  |                     |   |
|    |                | 17:30 | <b>Poster session with beers</b>   |                     |   |
|    |                | 20:00 | <b>Official congress dinner</b>  |                     |   |