

# Program of 6<sup>th</sup> Festulolium Working Group Workshop



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## Day 1: Tuesday April 5

8:30	Departure from Arigone hotel
9:00-9:20	Opening of Workshop
<b>9:20-10:00 Invited talk:</b>	<b>Beat Boller (Agroscope, Switzerland): Potential and limits of breeding hybrid ryegrass, a commercially successful forage species hybrid.</b>

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## Session I: Breeding, phenotyping and physiology (Chairman: Liv Østrem)

10:00-10:05	Grazina Statkeviciute (LRCAF Institute of Agriculture, Lithuania): <i>Festulolium breeding in Lithuania: an overview.</i>
10:05-10:10	Joost Baert (ILVO, Belgium): <i>Comparison of Festulolium as mid-term ley for silage with other cool season grasses.</i>
10:10-10:15	Dejan Sokolovic (Institute of Forage Crops, Serbia): <i>Summer persistency of different Festulolium hybrids in Serbian climate.</i>
10:15-10:20	Stanislav Hejduk (Mendel University, Czech Republic): <i>The differences among root systems of Festulolium and the parent species.</i>
10:20-10:25	Vilma Kemesyte (LRCAF Institute of Agriculture, Lithuania): <i>Winter survival evaluation of the Lithuanian Festulolium cultivars.</i>
10:25-10:30	Stephan Hartman (Bavarian State Research Center for Agriculture, Germany): <i>Widening the genetic diversity of Bavarian meadow fescue (<i>Festuca pratensis</i> Huds.) genepool by introgression of perennial ryegrass (<i>Lolium perenne</i> L.)</i>
10:30-10:35	
10:35-11:15	Coffee break

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## Session II: Ecology and breeding (Chairman: Vladimír Černoch)

11:15-11:40	<b>Mike Humphreys</b> (IBERS, Wales): Developing climate-smart grasslands
11:40-12:05	<b>John Harper</b> (IBERS, Wales): Festulolium hybrids in a changing climate, what can they offer? A story from the flood plains to the high mountains.
12:05-13:05	Lunch
13:05	Departure to DLF Hladké Životice
13:50	Arrival to Hladké Životice
13:50-15:15	Visit of DLF Hladké Životice
15:15-16:00	Coffee break
16:15	Departure to Hynčice
16:45	Arrival to Hynčice
16:45-17:45	Visit of birthplace of G. J. Mendel
18:00-21:00	Conference Dinner
21:15	Departure to Olomouc
22:00	Arrival to Olomouc

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## Day 2: Wednesday April 6

8:30	Departure from Arigone hotel
9:00-9:40 Invited talk:	<b>Bruno Studer</b> (ETH, Switzerland): <i>Recent advances in genomics - time for a forage grass genome initiative?</i>

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### Session III: Molecular biology, cytogenetics and cytometry (Chairman:

**Zbigniew Zwierzykowski)**

9:45-9:50	<b>Dimitra Loka</b> (IBERS, Wales) <i>How one stress might impact on another.</i>
9:50-9:55	<b>Veronika Burešová</b> (Institute of Experimental Botany, Czech Republic): <i>3D organization of plant nucleus in interspecific hybrids.</i>
9:55-10:00	<b>Laiane Corsini Rocha</b> (Federal University of Lavras, Brasil): <i>Particularities in the behavior of 45S rDNA sites of <i>Lolium</i> and <i>Festuca</i>.</i>
10:00-10:05	<b>Tomasz Książczyk</b> (Institute of Plant Genetics, Poland): <i>Obtaining and cytogenetic identification of reciprocal hybrids between <i>Festuca glaucescens</i> × <i>Festuca pratensis</i>.</i>
10:05-10:50	<b>Coffee break</b>

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### Session IV: Genomics and transcriptomics (Chairman: Marc Ghesquiere)

10:50-11:15	<b>Eva Hřibová</b> (Institute of Experimental Botany, Czech Republic): <i>Comparative analysis of repetitive DNA in eight representatives of fescues and ryegrasses.</i>
11:15-11:40	<b>Mallikarjuna Rao Kovi</b> (Norwegian University of Life Sciences, Norway): <i>Festulolium transcriptome changes during cold acclimation, deacclimation and reacclimation.</i>
11:40-12:05	<b>Štěpán Stočes</b> (Institute of Experimental Botany, Czech Republic): <i>Gene expression in interspecific hybrids.</i>
12:05-13:00	<b>Lunch</b>

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## Session V: Festulolium common trial (Chairman: Mike Humphreys)

13:00-13:45	Lab Tour
13:45-14:10	<b>David Kopecký</b> (Institute of Experimental Botany, Czech Republic): <i>Genotyping of Festulolium.</i>
14:10-14:35	<b>Marc Ghesquiere</b> (INRA, France): <i>From phenotype to genotype: the case-study of a common field trial initiated through Eucarpia for promoting Festulolium breeding.</i>
14:35-15:10	Coffee break
15:10-15:45	<b>Vladimir Černoch</b> (DLF Hladké Životice, Czech Republic): <i>Results of multilocation X Festulolium trials</i>
<b>15:45-17:15</b>	<b>General discussion on the Festulolium common field trial</b>
<b>17:15-17:20</b>	<b>General conclusions and meeting closure</b>
<b>17:30</b>	<b>Departure to Olomouc city center</b>
18:00-19:00	City Tour of Olomouc
19:00-22:00	Conference Dinner

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