

	Sunday 03 July	Monday 04 July	Ch	Tuesday 05 July	Ch	Wednesday 06 July	Ch	Thursday 07 July
09:00		Opening	Canceia	Cultivation and management II	Laugel-Niess	Phytopathology II	Lehmair	Breakfast & departure
09:30		Hop breeding I Olmedo Nesvadba Dauger		Testa Schlagenhauser Moretti Weihrauch		Dobrajc Treiber Sečník Patzak		
10:00								
10:30		Coffee break		Coffee break		Coffee break		
11:00		Hop breeding II Čerenak Hajdu Svoboda	Testa	Phytopathology I Lutz Havill Vostřel Moretti	Rak-Cizej	Hops, aroma, and brewing I Forster Fritschová Forster	Sugimura	
11:30								
12:00		Organic hops Laugel-Niess Redl						
12:30		Lunch		Lunch		Lunch		
13:00								
13:30								
14:00		Entomology Rak-Cizej Weihrauch	Krofta	Mid-Congress Tour: Galician hops and beers		Hops, aroma, and brewing II Vilanova Waldinger Böttger	Hajdu	
14:30		Cultivation and management I Luskar Euringer Canceia		Coach ride to Mabegondo near A Coruña, with Visit of hop fields Camino de Santiago MEGA beer museum (mundoestrellaGalicia) Dinner in MEGA		Poster teaser presentations		Weihrauch
15:00								
15:30								
16:00	Registration	Coffee break				Coffee break		
16:30		IHGC-STC administrative meeting				Poster session with beers		
17:00								
17:30		ISHS business meeting (video)						
18:00	Ice-Breaker	Guided tour to the historic city center of Lugo followed by typical tapas degustation in local <i>bares</i>						
18:30						Guided visit of the University Museum A Domus do Mitreo in the historic city center of Lugo in two groups (18:30 / 19:10 h)		
19:00								
19:30								
20:00	Welcome Dinner							
20:30						Official Congress Dinner		
21:00	Open end...	Open end...		Open end...		Open end...		

Nr	Date	Time	Session	Speaker	Title
	04 July	09:00	Opening and welcome words		
1		09:20	Hop breeding I	Olmedo JL	Hop cultivation in Galicia: history and future
2			<i>Chair: Cancela J.J.</i>	Nesvadba V	Hop breeding in the Czech Republic
3				Dauger M	Hop breeding in France : history and achievements
		10:30	Coffee break		
4		11:00	Hop breeding II	Čerenak A	Hop breeding in Slovenia
5			<i>Chair: Testa H.</i>	Hajdu K	Marker assisted breeding for UK hops – challenges and opportunities
6				Svoboda P	Cryopreservation of hop pollen for hop breeding
7			Organic hops	Laugel-Niess B	Organic hop cultivation in France: 10 years from the first historic grower to the „neo growers“
8				Redl A	Marketing of organic hops – challenges from the point of view of a hop marketer
		12:40	Lunch break		
9		14:00	Entomology	Rak-Cizej M	Efficacy of the predatory mite <i>Neoseiulus californicus</i> (McGregor) against the two-spotted spider mite <i>Tetranychus urticae</i> Koch in a hop garden
10			<i>Chair: Krofta K.</i>	Weihrauch F	Evaluation of a technical solution for the application of predatory mites in hops
11			Hop cultivation and management I	Luskar L	Closing the loop of biomass on hop farms by composting hop biomass after harvest
12				Euringer S	Adopting the Leaf Wall-Area to modern hop growing
13				Cancela JJ	Nutritional analysis in leaves of organic and conventional hops: 2020 season
		16:00	Coffee break		
		16:30	IHGC-STC administrative meeting		
		17:15	ISHS business meeting (video)		
		18:00	Guided tour to the historic city center of Lugo, followed by typical tapas degustation in local bares		
14	05 July	09:00	Hop cultivation and management II	Testa H	Improving hop plant nutrition and yield with <i>Bacillus velezensis</i>
15			<i>Chair: Laugel-Niess B.</i>	Schlagenhauser A	Increasing nitrogen efficacy in hop cultivation
16				Moretti M	Exploring the use of electric current for weed control in hop yards
17				Weihrauch F	Systemic Acquired Resistance of hop plants against spider mites - a keystone of future plant protection in hops?
		10:30	Coffee break		
18		11:00	Phytopathology I	Lutz K	Thermal treatment of hop waste - bioassay using the indicator plant eggplant
19			<i>Chair: Rak-Cizej M.</i>	Havill J	Genome-wide association study for powdery mildew resistance in common hop (<i>Humulus lupulus</i> L.) germplasm resources
20				Vostřel J	Control of Downy mildew (<i>Pseudoperonospora humuli</i>) with the help of <i>Pythium oligandrum</i> (Polyversum) and <i>Pongamia pinnata</i> (Rock Effect New)
21				Moretti M	Tiafenacil – a new herbicide mode of action in hops
		12:40	Lunch break		
		14:00	Mid-congress tour to the Galician hop growing region and to A Coruña		
22	06 July	09:00	Phytopathology II	Dobraic M	Stability and transmission of Citrus Bark Cracking Viroid (CBCVd) with water on hop (<i>Humulus lupulus</i> L.)
23			<i>Chair: Lehmail E.</i>	Treiber Ch	Possible import routes and sequence variations of the citrus bark cracking viroid in German hops
24				Sečnik A	Studying cytosine methylation in genomic DNA of viroid-infected hop plants
25				Patzak J	The influence of Hop Latent Viroid (HLVd) infection on secondary metabolite contents in hop cones
		10:30	Coffee break		
26		11:00	Hops, aroma & brewing I	Forster A	Is the classification of hop varieties in Aroma and Bitter hops still relevant?
27			<i>Chair: Sugimura T.</i>	Fritschová G	Influence of fungal diseases on hop quality and sensory properties of beer
28				Forster A	The impact of climate conditions on the biogenesis of various hop compounds
		12:40	Lunch break		
29		14:00	Hops, aroma & brewing II	Vilanova M	Study of the volatile composition of different varieties of hops from three regions of Spain (León, Galicia, and Basque Country)
30			<i>Chair: Hajdu K.</i>	Waldinger M	Categorization and quantification of hop aroma
31				Böttger J	Aroma-associated volatile metabolites in hops
			Poster teaser presentations (3 minutes each)		
			<i>Chair: Weihrauch F.</i>		
		16:00	Coffee break		
		16:30	Poster session with beers		
		18:30	Guided visit of University Museum A Domus do Mitreo in the historic city center of Lugo (2 groups: 18:30 / 19:10 h)		
		20:30	Official congress dinner		