



ISHS

XII RUBUS & RIBES Symposium 2019

June, 23-25 | Pre-Symposium Tour Germany - Switzerland
June, 25-28 | Congress in Zürich, Switzerland

www.rubusribes.agroscope.ch

Scientific Program

Tuesday 25 June		
16.00	Registration	
18.00	Welcome reception with cocktail	
21.00	End	
Wednesday 26 June		
08.00	Registration	
09.00	Opening of the Symposium	
09.15	Session I - Genetics and Breeding	<i>Chairperson : Erika Krüger</i>
09.15	Development and use of genetic tools in <i>Rubus & Ribes</i> breeding at James Hutton Institute (O1)	Dorota Jarret , James Hutton Institute, UK
09.45	Progress in raspberry breeding in Scotland (O2)	Nikki Jennings , James Hutton Institute, UK
10.00	Next steps in breeding for yield in raspberries (O3)	Adam Dale , University of Guelph, CAN
10.15	Introgression of spine-free and primocane fruiting from red raspberry (<i>Rubus idaeus</i> L.) to black raspberry (<i>R. occidentalis</i> L.) (O4)	Courtney Weber , Cornell University, USA
10.30	Highly remontant raspberry cultivars for winter production in Huelva Spain (O5)	Marina Gambardella , Universidad Catolica de Chile, CL
10.45	Coffee break	
11.15	Identifying variation in red raspberry MLO genes thought to provide resistance to powdery mildew (O6)	Michael Dossett , Pacific Agri-Food, CAN
11.30	Recent acquisitions of <i>Rubus</i> at the USDA National Clonal Germplasm Repository, Corvallis, Oregon (O7)	Kim Hummer , National Clonal Germplasm Repository, USA
11.45	Development of new genomic resources and tools for molecular breeding in blackberry (O8)	Margaret Worthington , University of Arkansas, USA
12.00	Merging blackberry germplasm pools and moving previously unutilized species into commercially viable selections (O9)	Chad E. Finn , USDA-ARS,HCRU, USA
12.15	Lunch	
13.30		<i>Chairperson : Christoph Carlen</i>
13.30	Recent progress in polish black raspberry breeding at the Niwa berry breeding Ltd (O10)	Agnieszka Orzel , Niwa, PL
13.45	A synteny-based approach to identify candidate genes controlling blackberry fruit sweetness (O11)	Nahla Bassil , National Clonal Germplasm Repository, USA
14.00	Genetic analysis of complex fruit quality traits in black raspberry (<i>Rubus occidentalis</i>) (O12)	Matthew Willman , Ohio State University, USA
14.15	"Ningzhi 3", an early and sweet blackberry (O13)	Wu Wenlong , Institute of Botany, Jiangsu Province, CN
14.30	Phenotypical variability and diversity within <i>Ribes</i> genetic resources collection of Latvia (O14)	Gunars Lacis , LatHort, LV
14.45	Conservation of <i>Ribes</i> and <i>Rubus</i> cultivars in the Swedish National Gene Bank (O15)	Inger Hjalmarsson , Alnarp, SE
15.00	Coffee break	
15.30	Session II - Cultivation	<i>Chairperson : Christoph Carlen</i>
15.30	Substrate cultivation of raspberry in Germany (O16)	Ludger Linnemannstoens , Chamber of Agriculture North Rhine-Westphalia, DE
16.00	Year round production of primocane raspberry cultivar 'Kwanza' as an ultimate goal (O17)	Piet Putzeys , Sint-Truiden, BE
16.15	Producing primocane raspberries in a short growing season (O18)	Paulina Palonen , University of Helsinki, FI
16.30	Optimization of floricane-type red raspberry production by the control of fruiting lateral number (O19)	Bastien Christ , Agroscope, CH
16.45	Promoting raspberry plant establishment using polyethylene and biodegradable plastic mulches in spring-planted systems (O20)	Lisa de Vetter , WSU NWREC, USA
17.00	Production of berry crops nuclear stock at the micropropagation and repository unit (O21)	Christie Almeyda , North Carolina State University, USA
17.15	Influence of cold storage in growth and productivity and root reserves of cv. Kwanza raspberry (O22)	Pedro Oliveira , Universidade de Lisboa, PT
17.30	Year round blackberry harvesting in the Netherlands (O23)	Gondy Heijerman , Delphy, NL
17.45	Achieving top production with the best long canes of blackberry and raspberry (O24)	Conrad Van Eldik , Delphy, NL
18.00	End of the day	
19.30	Gala Dinner - Zunfthaus Schmiden, Marktgasse 20, 8001 Zürich	

Thursday 27 June		
08.30	Session II - Cultivation	<i>Chairperson : Dorota Jarret</i>
08.30	Application of small unmanned aerial systems for spatial and temporal assessment of plant water deficits and irrigation needs in red raspberry (O25)	David Bryla, USDA-ARS, USA
08.45	Effects of rotating arm trellising on first year blackberry yields, fruit quality and pest pressure (O26)	Amanda McWhirt, UAEX, USA
09.00	Improving the quality of red and white currants in high latitude conditions by the use of pruning and high tunnel technologies (O27)	Saila Karhu, Natural Resources Institute, FI
09.15	Blackberry genotypic differences in uptake rates of nitrogen and phosphorus (O28)	Guodong Liu, University of Florida, USA
09.30	A well-balanced nutrient solution for primocane fruiting raspberry cultivars (O29)	Miet Boonen, Pcfuit npo, BE
09.45	Coffee break	
10.15	Poster session (with the presence of the authors) Photo of the whole group with the official photographer in the welcome hall	
12.15	Lunch	
13.30	Mountain excursion	
19.30	Free dinner-cocktail for all - Bauschänzli Biergarten & Grill, Stadthausquai 2, 8001 Zürich	

Friday 28 June		
08.30	Session III - Plant Physiology	<i>Chairperson : Pedro Oliveira</i>
08.30	Flower initiation and dormancy relations of raspberry and black currant and consequences of climate warming for production (O30)	Anita Sønsteby, Norwegian Institute for Bioeconomy, NO
09.00	Impact of environment and genotype on raspberry constituents (O31)	Frank Will, Hochschule Geisenheim University, DE
09.15	Managing vigor of blackberry with prohexadione calcium: effects on primocane and florican development (O32)	Thomas Kon, North Carolina State University, USA
09.30	Identifying genetic loci controlling primocane flowering in <i>Rubus</i> (O33)	Toshi Foster, Plant&Food Research, NZ
09.45	The effect of different substrates on the growth and physiology of blackberries in soilless system (O34)	Wei-Lin Li, Nanjing Forestry University, CN
10.00	Coffee break	
10.30	Session IV - Plant Protection	<i>Chairperson : Pedro Oliveira</i>
10.30	Current status of the <i>Drosophila suzukii</i> control in Europe (O35)	Claudio Ioriatti, Technology Transfer Centre, IT
11.00	Status of IPM in Belgian <i>Rubus</i> cultivation (O36)	Dany Bylemans, Pcfuit npo, BE
11.15	Past efforts and future perspectives of managing major diseases of red raspberries in British Columbia (O37)	Rishi Burlakoti, Agriculture and Agri-food, CAN
11.30	Virus infections of <i>Ribes</i> – occurrence and harmfulness (O38)	Josef Spak, Biology Centre, CZ
11.45	The currant virome: an ever expanding universe (O39)	Robert Martin, USDA-ARS-HCRL, USA
12.00	Phytoplasma in raspberries and blackberries - does it cause crumbly fruits? (O40)	Susanne Früh, Obstgrossmarkt, DE
12.15	Business Meeting of the ISHS Working Group Rubus&Ribes: Convener of the next symposium, new chair of the Working Group.	
12.45	Lunch	
13.45	Session V - Quality and Postharvest treatments	<i>Chairperson : Anita Sønsteby</i>
13.45	Marketing of value chains, quality and sensory characteristics of fruits and vegetables (O41)	Caroline Labrie, Wageningen University, NL
14.15	Comparative shelf life study of blackberry fruit with the combination of ferulic acid and natamycin treatment (O42)	Wu Wenlong, Institute of Botany Jiangsu Province, CN
14.30	Logistics and fruit quality of hand harvested blackberries harvested at night during the peak summer months in the southern USA (O43)	Gina Fernandez, North Carolina State University, USA
14.45	Development of advanced texture mechanical techniques to phenotype raspberry quality component (O44)	Lara Giongo, Fondazione Edmund Mach, IT
15.00	Food safety regulations in the U.S. and their impact on international growers and importers (O45)	Elizabeth Bihn, Cornell University, USA
15.15	Closing session	
15.30	End of the Symposium	