

PROGRAMME XV EUCARPIA

Fruit Breeding and Genetics Symposium 2019

3. 6. 2019 - Monday in hotel Galaxie		
17:00 - 20:00	Registration	
18:00 - 19:30	Welcome by the Organizing Committee	
20:00 - 22:00	Welcome reception	
4. 6. 2019 - Tuesday - in Study and Information Centre		
8:00 - 17:00	Registration and helpdesk	
8:00 - 8:30	Poster setting Session I	
8:30 - 9:00	Official Opening by Institutional Officers	
Session I: Fruit Breeding (Chairs: François Laurens, Sedlak Jiri)		
9:00 - 9:40	Lubor Zeleny	The fruit breeding program of VSUO Holovousy and its results from 2013 to 2018
9:40 - 10:20	François Laurens	INVITE, a New EU project for Innovation in plant variety testing in Europe
10:20 - 11:00	Teng Yuanwen	Interspecific hybridization contributes greatly to the origin of local pear cultivars in Gansu Province of China
11:00 - 11:30	coffee break + poster session I	
11:30 - 11:50	Shigeki Moriya	Efficient management of phenotypic and breeding data for the NARO apple-breeding programme using an in-house developed database system
11:50 - 12:10	Ina Schlathölder	Multi-level assessment of field-grown cisgenic apple trees
12:10 - 12:30	Maria José Aranzana	The impact of somatic mutations in peach breeding
12:30 - 12:50	Radek Vavra	Growth characteristics of columnar apple tree genotypes
13:00 - 14:30	Time for lunch (hotel Galaxie)	
Session I: Fruit Breeding (Chairs: Maria Jose Aranzana, Lubor Zeleny)		
14:30 - 15:10	Charles-Eric Durel	Breeding for apple and pear disease and pest resistance
15:10 - 15:30	Volodymyr Mezhenyskyj	Progress in Japanese quinces breeding in Ukraine
15:30 - 15:50	Francois Luro	Phylogeny and genome structure analysis of cultivated Citrus varieties: implication for breeding strategy
15:50 - 16:10	Young Ki Kim	Breeding a new cultivar for larger fruit and high productivity in silvery mountain ash (<i>Sorbus commixta</i> Hedl.)
16:10 - 16:30	Stanislav Pluta	Assessment of combining ability of selected forms of highbush blueberry (<i>Vaccinium corymbosum</i>) based on phenotypic evaluation of seedling progeny
16:30 - 17:00	coffee break + poster Session I	
17:00 - 21:00	Prague tour - Departure from Study and Information Centre by bus	

5. 6. 2019 - Wednesday - in Study and Information Centre		
8:00 - 18:00	Registration and helpdesk	
8:00 - 8:30	Poster setting Session II	
Session II: Biodiversity and Genetic resources (Chairs: Marc Lateur, Monika Höfer)		
8:30 - 9:10	Markus Kellerhals	Genetic resources and their diversity
9:10 - 9:50	Marc Lateur	Fruit tree genetic resources: from diversity safeguarding to diversity of uses - a complementary goal
9:50 - 10:10	Monika Höfer	Preservation of fruit genetic resources in Germany
10:10 - 10:30	Josef Patzak	Genetic diversity and structure of sweet cherry (<i>Prunus avium L.</i>) genetic resources - utilization of molecular methods for evaluation of S-incompatibility locus
10:30 - 10:50	Pe Rajasekharan	Pollen Cryobanking for a few tropical fruit crops for breeding and conservation
10:50 - 11:20	coffee break + poster session II	
11:20 - 11:40	Jorge Urrestarazu	Integrating expert knowledge considerations in core collections definition. A case study for the Swiss national pear inventory
11:40 - 12:00	Raquel Sánchez-Pérez	The almond genome elucidates the domestication of bitter almonds
12:00 - 12:20	Beatriz Ester García-Gómez	Transcriptomic analysis and identification of candidate genes involved in apricot ripening process
12:30 - 14:00	Time for lunch (hotel Galaxie)	
Session IV: Resistance to biotic and abiotic stress (Chairs: Andrea Patocchi, Larisa Gustavsson)		
14:00 - 14:20	Andrea Patocchi	Ten years of VINQUEST: first findings
14:20-14:40	Stefanie Reim	Evaluation of tolerance to apple replant disease (ARD) in <i>Malus</i> germplasm
14:40-15:00	Thomas Wöhner	Detached leaf assay with respect to determine resistance of <i>Malus spec.</i> against premature leaf fall (<i>M. coronaria</i>)
15:00 - 15:20	Enfeng Xu	Effect of fire blight (<i>Erwinia amylovora</i>) resistant apple rootstocks on 'Aztec Fuji' fruit quality and yield efficiency
15:20 - 15:40	Sergey Dolgov	Improving of stone fruits rootstocks resistance to Plum Pox Virus byRNAi-derived approach
15:40 - 16:00	Felicidad Fernández Fernández	Markers linked to fire blight (<i>Erwinia amylovora</i>) resistance in apple; application to rootstock breeding
16:00 - 16:30	coffee break + poster Session II	
16:30 - 16:50	Bjarne Larsen	Pedigree Inferences and Climate Adaptation in Scandinavian Heirloom Apple Cultivars
16:50 - 17:10	Larisa Gustavsson	Towards a better understanding of resistance to European canker in apple: a multidisciplinary approach
Session V: Fruit safety and quality (Chairs: Stanislaw Pluta, Markus Kellerhals)		
17:10 - 17:30	Ángela Sánchez Prudencio	Effect of flowering time modulation on fruit set, ripening time and fruit characteristics in almond
17:30 - 17:50	Felicidad Fernández Fernández	Variability of fruit quality traits in four berry crops during in the UK 'off-season' marketing period
20:00 - 23:00	Gala dinner in hotel Galaxie	

6. 6. 2019 - Thursday - in Study and Information Centre		
8:00 - 13:00	Registration and helpdesk	
8:00 - 8:30	Poster setting Session II	
Session III: Molecular Genetics and Biotechnology (Chairs: Stefano Tartarini, Vincent Gerardus Maria Bus)		
8:30 - 9:10	Stefano Tartarini	Identification of candidate genes by sequencing the resistant and susceptible haplotypes at the main Sharka resistance QTL on 'Lito' chromosomes 1 of apricot
9:10 - 9:30	Fabrizio Costa	Genetic dissection of the volatilome-fruit texture interplay in apple
9:30 - 9:50	Vincent Gerardus Maria Bus	QTL mapping for fire blight and European canker resistance in two apple breeding populations, with one QTL playing hide-and-seek
9:50 - 10:10	Malgorzata Podwyszynska	The genetic background of the phenotypic variability observed in apple autotetraploids
10:10 - 10:30	Nicholas Howard	Applications of SNP-based apple pedigree-identification to regionally specific germplasm collections and breeding programs
10:30 - 11:00	Coffee break+poster Session II	
11:00 - 11:20	Evelyne Costes	Genome-wide association analysis of fruit yield and tree architectural traits reveals independent genetic controls in apple
11:20-11:40	Arnau Fiol Garvi	Development of molecular markers for fruit skin color in Japanese plum (<i>Prunus salicina</i> Lindl.)
11:40 - 12:00	Giovanni Broggin	Towards a high-quality diploid assembly for the apple cultivar 'Gala Galaxy'
12:00 - 12:20	María Angeles Moreno	Genotyping by sequencing for SNP-based linkage analysis and identification of markers linked to flower traits in a segregating peach-almond progeny
12:20 - 12:40	Tereza Zunova and Pavel Vejl	Expression of Mal d 1 allergens in apples obtained from retail chains
12:40 - 13:00	Jiri Sedlak	Cryopreservation of genetic resources of plum and apple
13:00 - 14:30	Time for lunch (hotel Galaxie)	
14:30 - 16:30	Tour of the premises - Czech University of Life Sciences Prague	
16:30 - 17:10	Bussines meeting	
7. 6. 2019 - Friday - technical tour in VÝZKUMNÝ A ŠLECHTITELSKÝ ÚSTAV OVOCNÁŘSKÝ Holovousy s.r.o. (VSUO) and fruit growing company		
8:00	Departure from Hotel Galaxie by bus	
10:30 - 16:00	Excursion in VSUO Holovousy and fruit growing company Sady Český ráj s.r.o. - lunch included	
16:00 - 16:30	Departure of buses back to Prague	

