

## Program

### The 17th Joint Meeting of EAPR Breeding and Varietal Assessment Section and EUCARPIA Section Potatoes Hévíz, Hungary, June 30 – July 4, 2013

<b>June 30</b>	<b>Arrival</b>
18.00	Registration
19.00	Welcome reception
19.00	Dinner for the Hotel guests
<b>July 1</b>	
<b>9.00</b>	<b>Registration</b>
<b>10.00</b>	<b>Welcome and announcements</b>
<b>10.30</b>	<b>Keynote lectures</b>
10.30	<b>Ewa Zimnoch-Guzowska</b> PVY - a challenge for potato production
11.00	<b>Zsófia Bánfalvi</b> Improving drought tolerance of potato
11.30	<b>Pim Lindhout</b> Hybrid breeding in potato
12.00	<b>Richard Visser</b> Dissecting the genetics of abiotic stress tolerance in potato
12.30	<b>Zsolt Polgar</b> Overview the resistance breeding programme of Keszthely
<b>13.00</b>	<b>Lunch</b>
<b>14.20</b>	<b>Session I. Biotic stresses</b> Ewa Zimnoch-Guzowska
14.20	<b>Teresa Mosquera</b> Improving nutritional values and resistance to late blight in potato for a sustainable agriculture in developing countries
14.40	<b>Denis Griffin</b> Rapid multiplexing of traits in Potato using marker assisted selection; Some observations on phenotypic selection strategies
15.00	<b>Aide Tsahkna</b> Potato breeding for late blight resistance
15.20	<b>Dan Milbourne</b> The effect of pyramiding two loci conferring resistance to Globodera pallida Pa2/3 in potato

<b>15.40</b>	<b>Coffee break</b>
<b>16.00</b>	<b>Session II. Research and breeding for improved quality traits</b> Finlay Dale
16.00	<b>James Fowler</b> Sources of variation in tuber dry-matter content, its implications for breeding and selection
16.20	<b>Zsófia Juhász</b> Metabolomics study on stored potato tubers of Hungarian potato cultivars
16.40	<b>Nigel Halford</b> Producing low acrylamide risk potatoes: results of a three-year public/private sector collaborative project in the United Kingdom, focussed on genetics, agronomy and storage
17.00	<b>Ilse Skrabule</b> Quality traits of potato genotypes grown in different cropping systems
17.20	<b>Raquel López-Pardo</b> Gene-expression of three enzymes involved in starch degradation pathway in potato tubers stored at low temperatures
17.40	<b>Lidija Vojevoda</b> Influence of organic extracts on potato yield and quality in organic production system
<b>18.00</b>	<b>Dinner</b>
<b>July 2</b>	
<b>9.00</b>	<b>Session III. Genomic studies</b> Richard Visser
9.00	<b>Kerstin Diekmann</b> ISAP markers to elucidate diversity within the IPK potato collections
9.20	<b>Bryan Glenn</b> Association mapping in a large tetraploid potato population
9.40	<b>María Fernanda Álvarez</b> Association mapping for late blight resistance in Solanum tuberosum group Andigenum (Solanum phureja)
10.00	<b>Rahim Ahmadvand</b> Transcriptome analysis of White Lady in response to PVX, PVY and Phytophthora infestans using next generation sequencing
10.20	<b>Ramin Hajianfar</b> Next generation sequencing based analysis of genes for resistance to Phytophthora infestans in cultivar White Lady
<b>10.40</b>	<b>Coffee break</b>
11.00	<b>János Taller</b> Isolation and functional analysis of resistance response genes in potato and the development of molecular markers
11.20	<b>Silvana Colman</b> Allelic variants of linked SSR correspond with aminoacidic changes in apoplastic invertase
11.40	<b>Friederike Trognitz</b> Marker development for resistance genes by using next generation sequencing technologies

<b>12.00</b>	<b>Session IV. Abiotic stress resistance</b> Dan Milbourne
12.00	<b>Finlay Dale</b> Selection of potato genotypes in the UK for the Mediterranean region
12.20	<b>Kazuto Iwama</b> Varietal difference in water conductivity between root to leaf in potato
12.40	<b>Katharina Rudack</b> Physiological traits of starch potato varieties under drought stress
<b>13.00</b>	<b>Lunch</b>
<b>14.20</b>	<b>Session V. Prebreeding, taxonomic studies</b> János Taller
14.20	<b>Klaus Dehmer</b> The Gross Luesewitz potato collections – IPK’s genetic resources as source of new and improved traits for potato breeding
14.40	<b>Deissy Rojas</b> Genetic diversity and population structure in diploid potatoes
15.00	<b>Ricardo Aversano</b> Transcriptome and metabolomic analysis of <i>Solanum commersonii</i> and <i>S. bulbocastanum</i> synthetic polyploids
15.20	<b>Elsa Camadro</b> Reproductive behavior and taxonomic classification of natural populations: relevance in conservation of crop wild relatives and breeding
15.40	<b>Gavin Ramsay</b> Exploiting Andean potato diversity
16.00	<b>Renaldo Salazar</b> Somatic embryogenesis in <i>Solanum tuberosum</i> cultivar Granola
<b>16.20</b>	<b>Coffee break</b>
<b>17.00</b>	<b>Poster session</b>
<b>20.00</b>	<b>Gala Dinner</b>

<b>July 3</b>	<b>Excursion day</b>
9.00	Visiting University of Pannonia, Potato Research Centre
12.00	Boat trip to Badacsony on lake Balaton, lunch on the boat
14.30	Visiting of UP Research Institute for Viticulture and Oenology at Badacsony
16.30	Visiting Sümeg fortress
<b>19.00</b>	<b>Conference dinner at Sümeg, closing words</b>
<b>July 4</b>	<b>Leave</b>