

# Oral and Poster Sessions

The program has been created under current conditions. This program may be changed in the future. (This program is version 3.0, 10. Apr. 2024)

## Oral presentation

【Keynote speakers】 25 minutes (including 3 minutes for questions)

【General presenters】 15 minutes (including 3 minutes for questions)

## Poster presentation

Apr.22 (MON)





17:35-18:15 Poster Section 1 (Odd number)





18:15-18:55 Poster Section 1 (Even number)


Apr.24(WED)

10:55-11:35 Poster Section 2 (Even number)

11:35-12:15 Poster Section 2 (Odd number)

Apr.22 (MON)	
9:00-9:40	Opening Celemony
9:45-10:15	<b>Plenary lecture</b> Peonies and camellias: Flowers of Matsue bringing us together. (Akihito Uesada)
10:15:-10:40	<b>Plenary lecture</b> Japanese flowers that embellish Italian gardens: the search for new shapes and colors. (Valentina Scariot)
10:40-11:10	Coffee Break
11:10-11:35	<b>Plenary lecture</b> Japanese woody ornamentals across the sea. (Yuji Kurashige)
Session 1 Current status of ornamental use in the world I	
Chair: Marco Devecchi	
11:35-12:00	<b>Keynote presentation</b> New sustainable approach for historic gardens' management, conservation and restoration in Piedmont Region (Italy): the role of the ornamental plants". (Marco Devecchi)
	<b>Oral presentation</b>
12:00-12:15	The use of ornamental shrubs for sustainable urban greening: the case of <i>Spiraea x vanhouttei</i> L. grown on a constructed technosol. (Matteo Caser)
12:15-12:30	The multifunctional role of hedgerows in the medieval rural landscape: the case study of Staffarda Abbey (Italy). (Federica Larcher)
12:30-12:45	 Modeling Yoshino cherry flowering phenology with the PhenoFlex framework. (Julian Nick Bauer)
12:45-13:45	Lunch
Session 2 Genomics and genetics I	
Chair: Kenta Shirasawa	
13:45-14:10	<b>Keynote presentation</b> Genomics on ornamental plants and flowers decorating the Japanese culture and traditions. (Kenta Shirasawa)
	<b>Oral presentation</b>
14:10-14:25	Sequence research on the upstream region of F3',5'H gene related to pigment synthesis in wild evergreen azaleas on Kirishima mountain mass. (Daiki Mizuta)
14:25-14:40	 Genome-wide analysis of heat-induced transcriptional regulation by HSFA2 in <i>Rhododendron</i> . (Yuqing Cao)
14:40-14:55	 Characterization of FLOWERING LOCUS C (FLC)-like in relation to spring phenology of <i>Prunus mume</i> . (Tzu-Fan Hsiang)
14:55-15:10	 Evolution of terpene synthase (TPS) genes in <i>Rosaceae</i> and exploration of key genes for floral scent biosynthesis in <i>Rosa chinensis</i> . (Qi Wang)
15:10-15:40	Coffee Break


<b>Session 3 Interaction with biotic and abiotic environments</b>	
<b>Chair: Valeria Bianciotto</b>	
15:40-16:05	<b>Keynote presentation</b> Soil microbiota: a key player for healthy plants and its characterization in woody ornamental plant species. (Valeria Bianciotto)
	<b>Oral presentation</b>
16:05-16:20	Red star rust ( <i>Gymnosporangium yamadae</i> ) on <i>Malus</i> spp. in United States public gardens. (Tiffany Enzenbacher)
16:20-16:35	 Abiotic stress in <i>Ilex crenata</i> : solving problems of soil pH and black root rot. (Esther Geukens)
16:35-16:50	 Genetic analysis and morphological observation of adventitious root formation in crabapples. (Ryota Moritani)
16:50-17:05	The host plant performance of mulberry, boxelder, and hazelnut for fall webworm. (Celal Tuncer)
17:05-17:20	Sponsor Presentation
<b>YMA 3-minute presentations from the poster session</b>	
17:20-17:23	 Geographical distribution of flower color in wild <i>Hydrangea macrophylla</i> , <i>H. serrata</i> , and <i>H. serrata</i> var. <i>yesoensis</i> endemic to Japan. (Qingcheng. Jiang)
17:23-17:26	 Characteristics and heritability of floral morphology for the double flower trait in evergreen azalea. (Takeshi Eto)
17:26-17:29	 The genetic relationship of azalea species and evergreen azalea cultivars by microsatellite analysis. (Hideya Ohta)
17:29-17:32	 Phylogenetic classification and functional prediction of DFR genes in grape vines. (Hikaru Ishikawa)
17:32-17:35	 Combined treatment of MeJA and sugars suppress the incurved petals and extend vase life in the cut rose cultivar 'Yves Piaget'. (Rei Kaneeda)
17:35-18:15	<b>Poster Session 1 (Odd number)</b>
18:15-18:55	<b>Poster Session 1 (Even number)</b>

Apr.23 (TUE)	
Session 4 Genomics and genetics II	
Chair: Lisa Alexander	
9:00-9:25	<b>Keynote presentation</b> Two haplotype-resolved genomes of <i>Hydrangea macrophylla</i> reveal important flower traits for hydrangea breeding improvement. (Lisa Alexander)
	<b>Oral presentation</b>
9:25-9:40	INDELs linked to mophead-lacecap phenotype controlling gene Temyr in <i>Hydrangea macrophylla</i> . (Kenji Nashima)
9:40-9:55	Morphological and transcriptomic analyses of merism variation in azalea. (Xiuyun Wang)
9:55-10:10	 Chlorophyllase (PsCLH) and light-harvesting chlorophyll a/b binding protein 1 (PsLhcb1) and PsLhcb5 maintain petal green in <i>Paeonia suffruticosa</i> 'Lv Mu Yin Yu' . (Yang Li)
10:10-10:25	Silver nitrate (AgNO <sub>3</sub> ) can induce various expression levels of shoot regulatory regeneration genes via Direct organogenesis of <i>Euphorbia pulcherrima</i> cv. Christmas Eve. (Mahboubeh Davoudi Pahnekolayi)
10:25-10:55	Coffee Break
Session 5 Breeding and genetic resources I	
Chair: Johan Van Huylenbroeck	
10:55-11:20	<b>Keynote presentation</b> Breeding woody ornamentals in a rapidly changing world. (Johan Van Huylenbroeck)
	<b>Oral presentation</b>
11:20-11:35	Interspecific hybrid of two redbud species, <i>Cercis canadensis</i> and <i>C. chinensis</i> . (Hsuan Chen)
11:35-11:50	New insights into the taxonomic delimitation of <i>Salix babylonica</i> and related taxa and cultivars. (Radim J. Vasut)
11:50-12:05	USDA Agricultural Research Service investment in the future of genomics-enabled breeding for woody landscape plants. (Tim Rinehart)
12:05-12:20	Vegetative propagation characteristics of three <i>Viburnum</i> species native to Korea. ( Mijeong Yoon)
13:00-17:30	<b>Technical Visit 1</b>
18:30-20:20	<b>Gala Dinner</b>

Apr.24(WED)


**Session 6 Breeding and genetic resources II**

Chair: Thomas Debener

9:00-9:25	<b>Keynote presentation</b> The use of genomic data in the genetics of tetraploid roses across gene pools". (Thomas Debener)
	<b>Oral presentation</b>
9:25-9:40	Induced polyploids and breeding for ecosystem services. (Ryan Contreras)
9:40-9:55	Oryzalin-induced polyploidy of woody shrubs. (Todd West)
9:55-10:10	 Floral organogenesis of roses under suboptimal temperature. (Youngchan Shin)
10:10-10:25	Regeneration and genetic transformation of two important azalea species in China. (Hong Zhou)
10:25-10:55	Coffee Break
10:55-11:35	<b>Poster Session 2 (Even number)</b>
11:35-12:15	<b>Poster Session 2 (Odd number)</b>
12:15-13:15	Lunch Break

**Session 7 Current status of ornamental use in the world II**

Chair: Masayoshi Nakayama

13:15-13:40	<b>Keynote presentation</b> Japanese wild roses contributed to cultivated roses and the history of rose breeding in Japan. (Yoshihiro Ueda)
13:40-14:05	<b>Keynote presentation</b> Woody native plants of Argentina: the breeding experience in the Institute of Floriculture, INTA. (Gabriela R. Facciuto)
	<b>Oral presentation</b>
14:05-14:20	Integrating cultural values in assessing the ecosystem services of urban street trees. (Ting-I Lee)
14:20-14:35	Relationship of brightness of fluorescence emitted from leaves of <i>Camellia</i> species with their phylogeny and distribution area. (Masayoshi Nakayama)
14:35-14:50	 The problem of invasive alien plants in European urban settings: testing non-invasive cultivars and species as alternatives to <i>Ligustrum sinense</i> Lour. (Giulia Daniele)
14:50-15:20	Coffee Break

<b>Session 8 Breeding and genetic resources III</b>	
<b>Chair: Stan C. Hokanson</b>	
15:20-15:45	<b>Keynote presentation</b> Do the dollars make sense for woody ornamental cultivar development in a university setting?". (Stan C. Hokanson)
	<b>Oral presentation</b>
15:45-16:00	Impact of native asian woody ornamentals on U.S. landscapes. (Donglin Zhang)
16:00-16:15	Woody plant germplasm evaluation at the University of Minnesota Landscape Arboretum: Linking trial and collection history to current and future horticultural needs. (Brandon Miller)
16:15-16:30	Cultivating success: Strategies for developing and positioning newpPlant introductions in Today's market. (Judson LeCompte)
16:30-16:45	Niche and potential distribution patterns of <i>Magnolia grandiflora</i> L. in USA and China. (Wenqian Zhang)
17:00-17:15	<b>Business Meeting</b>
17:15-17:45	<b>Closing celemony</b>