



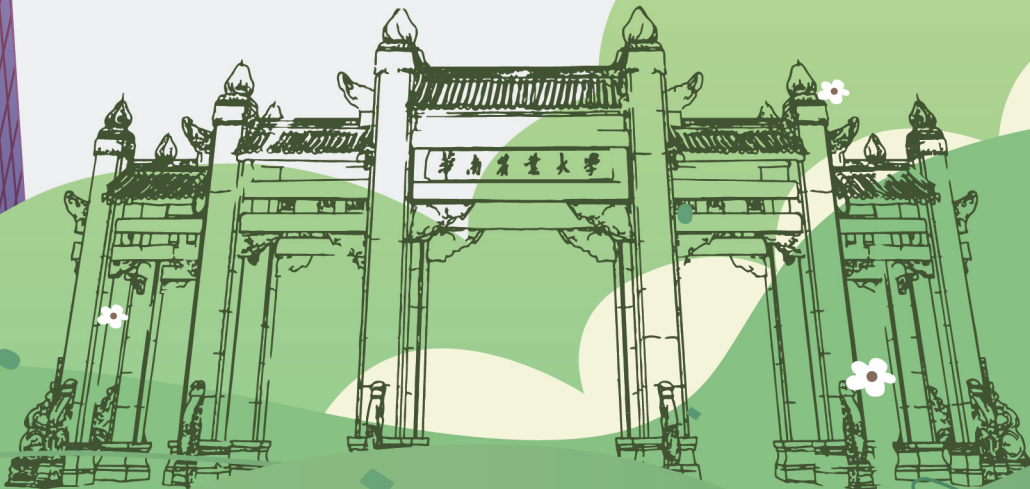
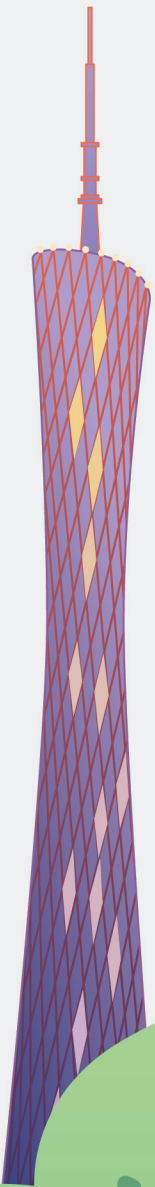
Horticulture
Research



IHRC2023

**The 10th International
Horticulture Research Conference**

Conference Handbook



Organized by



Horticulture Research



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Tips

We warmly welcome all representatives to attend the 10th International Horticulture Research Conference. We sincerely appreciate your participation and support! Please carefully review the conference guidelines and adhere to the notifications provided by the conference committee.

1. Registration and dining arrangements

(1) The registration for the conference will be held on November 10th from 10:00 to 22:00 at the lobby of China Grand Hotel. Upon arrival, please provide your "HRID number" for registration and check-in. Please carefully review your personal information and collect the necessary materials.

(2) Lunch and dinner will be held at the hotel. Meal tickets are provided with the guest badge. Please ensure that you have them before leaving.

2. venue requirements

(1) To ensure your safety and maintain order during the conference, please wear your conference badge to enter the venue. Please ensure that your mobile phone is turned off or set to silent mode while inside the venue. If you have any questions during the meeting, please raise your hand to signal the moderator.

(2) Taking photos, recording audio or video of the speakers and their slides is not allowed without permission.

(3) The conference does not permit copying files, such as the slides submitted by the delegates, without permission from the conference organizing team. If you require these materials, please contact the speakers directly.

(4) Please comply with the requirements and instructions of the meeting moderators and organizers, and follow the rules and discipline of the meeting.

3. Conference arrangements

(1) A "service desk" will be set up at the exhibition hall to assist participants who are unable to register on time. Registration can be completed at the service desk.

(2) Transportation services will not be provided for this conference. The conference team will establish multiple volunteer service points at Guangzhou South Railway Station and Baiyun International Airport on November 10th, operating from 10:00 to 21:00. For any inquiries or concerns about the conference, please approach the service staff at the service points upon your arrival. The person in charge is Lan Cuizhen (TEL: 13580399714).

(3) If you have any additional questions or require assistance during the conference, please feel free to approach the volunteers at the venue or contact any of the following staff members: Wang Ping (TEL: 15205172079), Lan Cuizhen (TEL: 13580399714), Zeng Zaohai (TEL: 15915726257).

4. Travel tips

Pay attention to keeping warm: Although the daytime temperature in Guangzhou can be high, please remember that there is a significant temperature difference in the morning and evening. It is recommended to carry a jacket with you, just in case.

5. Metro lines suggestion

(1) From Guangzhou Baiyun International Airport To China Hotel

By Metro line 3 to Jiahewanggang station (Tiyu Xilu Direction) transfer line 2 to Yuexiu park station (Guangzhou South Railway Station Direction), D1 exit .

(2) From Guangzhou South Railway Station To China Hotel

By Metro line 2 to Yuexiu Park station (JiaheWanggang Direction), D1 exit.

温馨提示

热烈欢迎各位代表参加第十届国际园艺研究大会，衷心感谢您的参与和支持！请各位会议代表仔细阅读会议须知，并随时留意会务组发布的通知。

1. 报到及用餐事项

(1) 会议报到时间为 11 月 10 日 10:00-22:00，地点在中国大酒店大堂内。参会报到时，请提供“HRID 号”进行注册签到，仔细核对个人信息及领取资料等。

(2) 午餐、晚餐均在会场酒店用餐。用餐券附在嘉宾证后，请在签到处确认无误。

2. 会场要求

(1) 为了维护您的安全和大会秩序，请佩戴参会证进入会场；会场内请关闭您的手机或将手机调成静音模式；会议中如有需要提问，请向主持人举手示意。

(2) 会议谢绝从会务组拷贝代表上传的 PPT 等材料，如有需要请直接与报告人联系。

3. 会务设置

(1) 会务组在会展处设置“工作服务台”，请不能按时进行注册的参会人员到服务台处理补注册。

(2) 本次会议不设接送服务，会务组将会在广州南站和白云国际机场 T1-T2 航站楼设志愿服务点，服务时间为 11 月 10 日 10:00-21:00，如您落地后有会议相关问题可以联系服务点工作人员，联系方式：蓝翠珍 13580399714。

(3) 如您在会议过程中有其他问题，可向会场志愿者寻求帮助，亦可联系工作人员，王平：15205172079；蓝翠珍：13580399714；曾灶海：15915726257。

4. 出行提示

会议期间广州早晚温差较大，请您注意避免着凉，适宜穿着长袖秋装，备好外套。

5. 行程建议

(1) 白云国际机场

从广州白云国际机场步行约 260 米，到达机场南站（地铁站）；乘坐地铁 3 号线北延段，经过 3 站，到达嘉禾望岗站；乘坐地铁 2 号线，经过 9 站，到达越秀公园站；步行约 220 米，到达中国大酒店。

(2) 广州南站

从广州南站步行约 190 米，到达广州南站（地铁站）；乘坐地铁 2 号线，经过 14 站，到达越秀公园；步行约 200 米，到达中国大酒店

November 10th

10:00-20:00	Registration
14:00-18:00	Editorial Board Meeting of Horticulture Research

November 11th

	Opening Ceremony 📍 Crystal Ballroom
	Coordinator: Rui Xia (夏瑞), South China Agricultural University Zong-Ming (Max) Cheng (程宗明), Nanjing Agricultural University
8:30-9:20	Rui Xia (夏瑞) / Zong-Ming (Max) Cheng (程宗明) Opening Ceremony
9:00-9:20	Group Photo
	Keynote Talk 📍 Crystal Ballroom
	Coordinator: Rui Xia (夏瑞), South China Agricultural University Zong-Ming (Max) Cheng (程宗明), Nanjing Agricultural University
9:20-10:10	Jiankang Zhu (朱健康) , Southern University of Science and Technology Innovations in the genetic transformation of horticultural plants
10:10-10:30	Coffee Break, Poster Viewing
	Plenary Talk 📍 Crystal Ballroom
	Coordinator: Zong-Ming (Max) Cheng (程宗明), Nanjing Agricultural University
10:30-11:00	Zhangjun Fei (费章君) , Boyce Thomson Institute/Cornell University Pan-genomes of fruit crops
11:00-11:30	Chuanyou Li (李传友) , Shandong Agricultural University Redesigning the tomato fruit shape for mechanized production
11:30-12:00	Jarkko Tapani Salojarvi , Nanyang Technology University The genome and population genomics of allopolyploid Coffea arabica reveal the diversification history of modern coffee cultivars
12:00-14:00	Lunch, Poster Viewing

November 11th

	Session: Fruit Ripening and Quality	📍 Crystal Ballroom (A)
	Coordinator: Chuanyou Li (李传友), Shandong Agricultural University	
14:00-14:20	Zhengguo Li (李正国) , Chongqing University GRAS transcription factors regulate fruit development and ripening in tomato	
14:20-14:40	Tingting Zhao (赵婷婷) , Shandong Agricultural University An MdWRKY31-MdNAC7 regulatory network orchestrates fruit softening by modulating cell-wall-modifying enzyme MdXTH2 in response to ethylene signaling	
14:40-15:00	Zhihong Zhang (张志宏) , Shenyang Agricultural University Effects of phosphorus on strawberry quality and regulation of phosphate homeostasis in strawberry plants	
15:00-15:20	Zhaobo Lang (郎翌博) , Southern University of Science and Technology Two MADS-box transcription factors mediate epigenetic control of tomato fruit ripening	
15:20-15:40	Lihong Liu (刘丽红) , Zhejiang University The delicate regulation of fruit ripening and quality formation by SIBZR1s in tomato	
15:40-16:00	Coffee Break, Poster Viewing	
	Coordinator: Zhaobo Lang (郎翌博), Southern University of Science and Technology	
16:00-16:20	Yuan-Yuan Li (李媛媛) , Shandong Agricultural University MdBT2 regulates nitrogen-mediated cuticular wax biosynthesis via an MdMYB106-MdCER2L1 signaling pathway in apple	
16:20-16:40	Bo Zhang (张波) , Zhejiang University Knockout of m6A reader SIYTH2 increases tomato fruit aroma volatiles by accelerating translation efficiency of target mRNAs	
16:40-17:00	Shaomin Bian (边少敏) , Jilin University The miR156/SPL12 module orchestrates fruit color change by directly regulating the ethylene production pathway in blueberry	
17:00-17:20	Fangfang Ma (马方放) , Shandong Agricultural University Project "Magic Ploidy", links cell cycle to tomato quality traits	
17:20-17:40	Tong Li (李通) , Shenyang Agriculture University Ethylene enhances MdMAPK3-mediated phosphorylation of MdNAC72 to promote apple fruit softening	
17:40-18:10	10th Anniversary Celebration of Horticulture Research	
18:10-19:30	Dinner	

November 11th

	Session: Big-Data Driven Breeding	📍 Crystal Ballroom (B)
	Coordinator: Zhangjun Fei (费章君), Boyce Thomson Institute/Cornell University	
14:00-14:20	Wei Chen (陈玮), Yunnan Agricultural University Dual domestications and origin of traits in grapevine evolution	
14:20-14:40	Zhangsheng Zhu (朱张生), South China Agricultural University Parallel evolution of transcription factor and cis-element determine the evolution of Solanaceae diversified metabolites	
14:40-15:00	Xiaoming Song (宋小明), North China University of Science and Technology Analysis of a high-quality ice plant genome provides insights into genome evolution and exploration of important functional genes	
15:00-15:20	Jinhua Zuo (左进华), Beijing Academy of Agriculture and Forestry Sciences Cucurbitaceae genome evolution, gene function, and molecular breeding	
15:20-15:40	Yi Zheng (郑轶), Beijing University of Agriculture HortGenome Search Engine, a universal genomic search engine for horticultural crops	
15:40-16:00	Coffee Break, Poster Viewing	
	Coordinator: Jarkko Tapani Salojarvi, Nanyang Technology University	
16:00-16:20	Wei Li (李威), China Agricultural University Genomics-guided molecular design breeding of apple rootstocks	
16:20-16:40	Yongfeng Zhou (周永锋), Agricultural Genomics Institute at Shenzhen, Chinese Academy of Agricultural Sciences Genomic breeding of grapevine	
16:40-17:00	Yaoyao Wu (吴瑶瑶), Nanjing Agricultural University Phylogenomic discovery of deleterious mutations facilitates hybrid potato breeding	
17:00-17:20	Yi Liao (廖毅), South China Agricultural University SV-GAPS: structural variant discovery and genotyping for de novo genome assemblies on population scales	
17:20-17:40	Jian Pan (潘健), Shenyang Agriculture University TIFF-seq: a universal Tnt1-retrotransposon insertion flanking fragment enrichment sequencing strategy for facilitating innovation and utilization of Cucumis germplasm resources	
17:40-18:10	10th Anniversary Celebration of Horticulture Research	
18:10-19:30	Dinner	

November 12th

	Keynote Talk	📍 <i>Crystal Ballroom</i>
	Coordinator: Yunde Zhao (赵云德), University of California San Diego	
8:30-9:15	Harry Klee , University of Florida An integrated chemical and genetic approach to improve tomato flavor quality	
	Plenary Talk	📍 <i>Crystal Ballroom</i>
	Coordinator: Yunde Zhao (赵云德), University of California San Diego	
9:15-9:45	Rui Xia (夏瑞) , South China Agricultural University Genomics research of litchi in the big-data era	
9:45-10:15	Xiaowu Wang (王晓武) , Institute of Vegetables and Flowers, Chinese Academy of Agricultural Science BRAD V3.0: an upgraded Brassicaceae database	
10:15-10:30	Coffee Break, Poster Viewing	
	Plenary Talk	📍 <i>Crystal Ballroom</i>
	Coordinator: Alex Harkess, HudsonAlpha Institute for Biotechnology	
10:30-11:00	Timo Hytönen , University of Helsinki Control of meristem fates in shaping shoot and inflorescence architectures in the Rosaceae model woodland strawberry	
11:00-11:30	Silin Zhong (钟思林) , The Chinese University of Hong Kong Dynamics of genome cis-regulatory elements revealed by cross-species TF ChIP-seq	
11:30-12:00	Jihong Liu (刘继红) , Huazhong Agricultural University A TGA2-P5CS1 molecular module regulates proline accumulation to enhance cold tolerance in Poncirus trifoliata	
12:00-14:00	Lunch, Poster Viewing	

November 12th

	Session: Biotic and Abiotic Stress	📍 Crystal Ballroom(A)
	Coordinator: Jihong Liu (刘继红), Huazhong Agricultural University	
14:00-14:20	Sumei Chen (陈素梅) , Nanjing Agricultural University The CmABF1-CmHSFA4/CmMYBS3-CmMYB121 molecular module mediates the response of chrysanthemum to salt stress	
14:20-14:40	Yingfang Zhu (祝英方) , Henan University The molecular mechanism underlying tomato adaptation to drought and low temperature stresses	
14:40-15:00	Tongkun Liu (刘同坤) , Nanjing Agricultural University Disease resistance gene BcWRKY33A can improve salt tolerance in Bak choy	
15:00-15:20	Xiaoyang Zhu (朱孝扬) , South China Agricultural University The mechanism of MaABI5-like in the regulation of ripening disorders in banana induced by chilling stress	
15:20-15:40	Yuhui Wang (王瑜晖) , Nanjing Agricultural University Loss-of-susceptibility Mutations of wall-associated kinase6 (CsWAK6) confer resistance to necrotrophic fungal pathogen <i>Corynespora cassicola</i> in cucumber	
15:40-16:00	Coffee Break, Poster Viewing	
	Coordinator: Sumei Chen (陈素梅) , Nanjing Agricultural University	
16:00-16:20	Xianfeng Ma (马先锋) , Hunan Agricultural University Exploring the invasion pattern of citrus canker to fruit and characterization inhibitory metabolite against canker disease from citron fruit	
16:20-16:40	Wenna Zhang (张文娜) , China Agricultural University Root-to-Shoot mobile mRNAs promote JA-Ile biosynthesis to confer chilling tolerance in grafted cucumbers	
16:40-17:00	Lixiao Yao (姚利晓) , Southwest University ABA-CsABI5-CsCalS11 module regulates callose deposition in Citrus infected with <i>Candidatus liberibacter asiaticus</i>	
17:00-17:20	Lin Chen (陈琳) , South China Agricultural University Comparative omics analysis reveals that a calcium signaling component and three hormones positively regulate freezing tolerance in potato via CBF- and non-CBF-regulon genes	
17:20-17:40	Dong Liang (梁东) , Sichuan Agricultural University AcMYB61 confers drought tolerance in kiwifruit by regulating the metabolism of polyphenols	
17:40-18:00	Nianjun Teng (滕年军) , Nanjing Agricultural University Molecular regulatory network of the lily response to heat Stress	
18:00-19:00	Dinner	

November 12th

	Session: Multidimensional omics	📍 Crystal Ballroom (B)
	Coordinator: Silin Zhong (钟思林), The Chinese University of Hong Kong	
14:00-14:20	Li Wang (王莉) , Yangzhou University Research progress on biological characteristics of Ginkgo biloba: pollination and longevity mechanisms	
14:20-14:40	Xiaoxue Sun (孙晓雪) , Hebei Agricultural University Effects of heat stress on Chinese cabbage at the cellular and 3D-genome levels	
14:40-15:00	Zhiyong Pan (潘志勇) , Huazhong Agricultural University Deciphering the mycorrhizal symbiosis code and identifying beneficial microbes in Citrus	
15:00-15:20	Andan Zhu (朱安丹) , Kunming Institute of Botany, Chinese Academy of Sciences Decoding the complex genome organization and genomic diversification of strawberry wild relatives for re-domestication	
15:20-15:40	Jiancan Feng (冯建灿) , Henan Agricultural University Progress on Molecular Mechanisms under Peach Tree Architecture	
15:40-16:00	Coffee Break, Poster Viewing	
	Coordinator: Bo Zhang (张波), Zhejiang University	
16:00-16:20	Zhiqiang Wu (武志强) , Agricultural Genomics Institute at Shenzhen, Chinese Academy of Agricultural Sciences Integrated multi-omics data and analyses reveal the pathways underlying key ornamental traits in carnation flowers	
16:20-16:40	Fei Chen (陈飞) , Hainan University Research on the first T2T genome of strawberry	
16:40-17:00	Yu Zhang (张雨) , Sun Yat-Sen University Comparative phylogenomics and phylotranscriptomics provide insights into the genetic complexity of nitrogen-fixing root-nodule symbiosis	
17:00-17:20	Qiong He (何琼) , Northwest A&F University Metabolic profiling and transcriptomic data providing critical flavonoid biosynthesis mechanisms disclose color differences of purple heading Chinese cabbages (<i>Brassica rapa</i> L.)	
17:20-17:40	Daozong Chen (陈道宗) , Gannan Normal University Retrotransposons show driven genome expansion and karyotype shuffling in <i>Matthiola incana</i> (Brassicaceae)	
17:40-17:50	Xiaojun Su (苏晓俊) , Benagen Explore the latest application prospects of omics research	
17:50-18:00	Lin Liu (刘琳) , Frasersgen Comprehensive solution for epigenetic regulation	
18:00-19:00	Dinner	
19:00-21:30	Journal Session	📍 Crystal Ballroom (A)

November 13th

	Keynote Talk	📍 <i>Crystal Ballroom</i>
	Coordinator: Jun Wu (吴俊), Nanjing Agricultural University	
8:30-9:15	Yunde Zhao (赵云德) , University of California San Diego Technology-driven auxin research: unexpected findings	
	Plenary Talk	📍 <i>Crystal Ballroom</i>
	Coordinator: Jun Wu (吴俊), Nanjing Agricultural University	
9:15-9:45	Wansheng Chen (陈万生) , Shanghai University of Traditional Chinese Medicine Functional divergence of CYP76AKs shapes the chemodiversity of abietane-type diterpenoids in genus <i>Salvia</i>	
9:45-10:15	Qiang Xu (徐强) , Huazhong Agricultural University Orange-ins and citric acid accumulation of Citrus fruits	
10:15-10:30	Coffee Break, Poster Viewing	
	Plenary Talk	📍 <i>Crystal Ballroom</i>
	Coordinator: Qiang Xu (徐强), Huazhong Agricultural University	
10:30-11:00	Yi Li (李义) , University of Connecticut BSA nanoparticle-mediated RNA and DNA delivery and gene expression in plants	
11:00-11:30	Jianjun Zhao (赵建军) , Hebei Agricultural University Functional genomics research on Chinese Cabbage	
11:30-12:00	Yuepeng Han (韩月彭) , Wuhan Botanical Garden, Chinese Academy of Science Two adjacent NAC transcription factors regulate fruit maturity date and flavor in peach	
12:00-14:00	Lunch, Poster Viewing	

November 13th

	Session: Metabolism and Synthetic Biology	📍 Crystal Ballroom (A)
	Coordinator: Jia-Long Yao (姚家龙), Plant and Food Research	
14:00-14:20	Zhaoliang Zhang (张照亮) , Anhui Agricultural University Advances in theanine biosynthesis, transport and regulation	
14:20-14:40	Xiang Gao (高翔) , Northeast Normal University Biosynthesis and regulation of volatile terpenes and flavonoids in ornamental flowers	
14:40-15:00	Xuehao Chen (陈学好) , Yangzhou University The molecular mechanism of CsHMGR1-mediated mevalonate synthesis regulates cucumber Fusarium wilt resistance	
15:00-15:20	Wei Deng (邓伟) , Chongqing University SIMAPK4-SIMYB75 module-mediated salicylic acid enhances terpenoid synthesis and spider mite tolerance in tomato	
15:20-15:40	Chuankui Song (宋传奎) , Anhui Agricultural University The roles of volatiles glucosylation in cold and drought stresses in tea plants	
15:40-16:00	Coffee Break, Poster Viewing	
	Coordinator: Jianjun Zhao (赵建军), Hebei Agricultural University	
16:00-16:20	Ying Wang (王瑛) , South China Botanical Garden, Chinese Academy of Science New cultivar and industry trend for Goji (<i>Lycium</i> species) in genome era	
16:20-16:40	Mingchun Liu (刘明春) , Sichuan University A distal enhancer recruits the MYC2-GAME9 complex to regulate steroidal glycoalkaloids metabolism in tomato	
16:40-17:00	Pan Liao (廖攀) , Hong Kong Baptist University Using <i>Petunia hybrida</i> to investigate the mechanism of volatile release	
17:00-17:20	Chao Zhang (张超) , Zhejiang A&F University Carotenoid cleavage dioxygenase ZeCCD4 catalyzes α -carotene degradation to regulate carotenoid accumulation and petal coloration in <i>Zinnia elegans</i>	
17:20-17:40	Yun Huang (黄芸) , Beijing University of Agriculture Vacuolar Phosphate Transporter1 (VPT1) may transport sugar in response to soluble sugar status in different types of fruits	
18:00-19:00	Dinner	

November 13th

	Session: Reproductive Biology	📍 Crystal Ballroom (B)
	Coordinator: Yi Li (李义), University of Connecticut	
14:00-14:20	Li-Yu Chen (陈立余) , Fujian Agriculture and Forestry University The contributions of asexual and sexual selections in pineapple domestication	
14:20-14:40	Yanwei Hao (郝彦伟) , South China Agricultural University SIHB8 negatively modulates cold tolerance in tomato anthers via temperature-dependent regulation of tapetal cell death	
14:40-15:00	Tao Xu (许涛) , Shenyang Agricultural University The calcium signal is required for drought induced flower drop	
15:00-15:20	Li Yuan (袁黎) , Northwest A&F University Unlocking diploid seedless watermelons through disruption of essential reproductive genes	
15:20-15:40	Ting Shi (侍婷) , Nanjing Agricultural University PmAGL24 contributes to pistil number determination in Japanese apricot (<i>Prunus mume</i> Sieb. et Zucc.) by targeting PmKNAT2/6-a	
15:40-16:00	Coffee Break, Poster Viewing	
	Coordinator: Juyou Wu (吴巨友), Nanjing Agricultural University	
16:00-16:20	Lijun Chai (柴利军) , Huazhong Agricultural University Mechanism and evolution of citrus self-incompatibility	
16:20-16:40	Linhan Sun (孙林汉) , The Pennsylvania State University Analyses of Cullin1 homologs reveal functional redundancy in S-RNase-Based Self-incompatibility and evolutionary relationships in eudicots	
16:40-17:00	Peng Wang (王鹏) , Nanjing Agricultural University Reciprocal regulation of flower induction by ELF3 α and ELF3 β generated via alternative promoter usage	
17:00-17:20	Kamran Shah , South China Agricultural University Annual hormone and sugar pattern configuration confirms flowering in pitaya (<i>H. Polyrhizus</i>): A dragon fruit	
17:20-17:40	Qinfei Li (李勤菲) , Southwest University Polymorphism of BoFLC2 affects cabbage flowering time in response to cold	
17:40-19:00	Dinner	
19:00-21:30	Young Scientist Development Forum	📍 Crystal Ballroom (A)

November 14th

	Keynote Talk	📍 <i>Crystal Ballroom</i>
	Coordinator: Xiaolan Zhang (张小兰), China Agricultural University	
8:30-9:15	Mondher Bouzayen , University of Toulouse, Insitut National Polytechnique - ENSA Toulouse Uncoupling fruit softening from fruit ripening: A paradigm shift of thinking	
	Plenary Talk	📍 <i>Crystal Ballroom</i>
	Coordinator: Xiaolan Zhang (张小兰), China Agricultural University	
9:15-9:45	Jia-Long Yao (姚家龙) , Plant and Food Research Unravelling the multifaceted control of apple fruit development by microRNA172	
9:45-10:15	Kai Shi (师恺) , Zhejiang University Perish or improve: the critical role of G protein in regulating shoot apex growth and development in tomato	
10:15-10:30	Coffee Break, Poster Viewing	
	Plenary Talk	📍 <i>Crystal Ballroom</i>
	Coordinator: Zhongchi Liu (刘重持), University of Maryland	
10:30-11:00	Xiaolan Zhang (张小兰) , China Agricultural University Regulatory mechanism of axillary branch outgrowth in cucumber	
11:00-11:30	Alex Harkess , HudsonAlpha Institute for Biotechnology Exploring the repeated evolution of sex chromosomes in plants	
11:30-12:00	Juyou Wu (吴巨友) , Nanjing Agricultural University Acetylation of inorganic pyrophosphatase by S-RNase signaling induces pollen tube tip swelling by repressing pectin methylesterase	
12:00-14:00	Lunch, Poster Viewing	

November 14th

	Session: Mechanism Underlying Agronomic Trait Development	📍 Crystal Ballroom (A)
	Coordinator: Kai Shi (师恺), Zhejiang University	
14:00-14:20	Dong Zhang (张东) , Northwest A&F University Research and application progress of apple dwarf rootstock breeding and nursery tree propagation technology in China	
14:20-14:40	Fei Gao (高飞) , Minzu University of China Jasmonic acid signaling contributes to cold acclimation in Jojoba by regulating flavonol synthesis via JAZ/MYB module	
14:40-15:00	Shuang Wu (吴双) , Fujian Agriculture and Forestry University Trichomes: the overlooked anti-insect trait in tomato	
15:00-15:20	Na Zhang (张娜) , China Agricultural University Chloroplast Acetyltransferase GNAT2 Acts as a Redox-regulated Switch for State Transitions in Tomato	
15:20-15:40	Xingwang Liu (刘兴旺) , China Agricultural University The fruit glossiness locus, dull fruit (D) encodes a C2H2-type zinc finger transcription factor CsDULL in cucumber (<i>Cucumis sativus</i> L.)	
15:40-16:00	Coffee Break, Poster Viewing	
	Coordinator: Shuang Wu (吴双), Fujian Agriculture and Forestry University	
16:00-16:20	Wei Wang (王尉) , Institute of Tropical Bioscience and Biotechnology, Chinese Academy of Tropical Agricultural Science Trichoderma asperellum M7 perceives cedrene produced by banana Fusarium wilt Tropical Race 4 for hyperparasitism	
16:20-16:40	Tao Wu (武涛) , Hunan Agricultural University CsMYB36 is required for the formation of a novel lignin-based extracellular barrier in glandular trichomes of cucumber for bloom deposition	
16:40-17:00	Qingfeng Niu (牛庆丰) , Anhui Agricultural University Gibberellin signaling regulates wound-induced regeneration through SIGRF1 in tomato	
17:00-17:20	Zhisheng Xu (徐志胜) , Nanjing Agricultural University Y/DCAR_032551 encodes a RPGE protein that repress carotenoid biosynthesis via interaction with DcAPRR2	
17:20-17:40	Rong Zhou (周蓉) , Nanjing Agricultural University Regulatory mechanism of tomato plants responding to combined abiotic stress	
17:40-18:00	Yunyan Kang (康云艳) , South China Agricultural University A multifaceted crosstalk between brassinosteroid and gibberellin in regulating the resistance of cucumber to <i>Phytophthora melonis</i>	
18:00-19:00	Dinner	

November 14th

	Session: Advanced Technologies and Applications	📍 <i>Crystal Ballroom (B)</i>
	Coordinator: Zhanwu Dai (代占武), Institute of Botany, Chinese Academy of Sciences	
14:00-14:20	Ringo (Jinquan) Feng (冯锦泉) , Plant and Food Research International standards for sampling and measurement methods in horticultural research in the context of the "big data" era	
14:20-14:40	Pengwei Wang (王鹏蔚) , Huazhong Agricultural University Study horticulture biology from a subcellular perspective: challenges and solutions.	
14:40-15:00	Jinli Gong (宫金礼) , Zhejiang A&F University Tracking organelle activities through efficient and stable root genetic transformation system in woody plants	
15:00-15:20	Ningyi Zhang (张宁一) , Nanjing Agricultural University Harnessing simulation models for achieving smart horticultural production systems	
15:20-15:40	Songhu Wang (汪松虎) , Anhui Agricultural University Agrobacterium rhizogenes-mediated marker-free transformation and gene editing system revealed that AeCBL3 mediates the formation of calcium oxalate crystal in kiwifruit	
15:40-16:00	Coffee Break, Poster Viewing	
	Session: Horticultural Plant Phenomics	📍 <i>Crystal Ballroom (B)</i>
	Coordinator: Pengwei Wang (王鹏蔚), Huazhong Agricultural University	
16:00-16:20	Zhanwu Dai (代占武) , Institute of Botany, Chinese Academy of Sciences A high-throughput grape berry shape and color phenotyping tool for mining key regulatory genes	
16:20-16:40	Wenli Zhang(张文利) , Beijing University of Technology An automatic fruit labeling platform and its applications	
16:40-17:00	Yue Mu (穆悦) , Nanjing Agricultural University Utilizing Multi-Scale Plant Phenotyping Techniques for Fruit Trees to Optimize Orchard Management	
17:00-17:20	Haozhou Wang (王浩舟) , The University of Tokyo Virtual broccoli farmland implementation by drone-based phenotyping and cross-scale data fusion	
17:20-17:40	Mingle Xu (许明乐) , Jeonbuk National University Plant disease recognition datasets in the age of deep learning: challenges and opportunities	
17:40-19:00	Dinner	
19:00-22:10	Doctoral and Post-Doctoral Forum	📍 <i>Crystal Ballroom (A)</i>
19:00-22:10	Doctoral and Post-Doctoral Forum	📍 <i>Crystal Ballroom (B)</i>

November 15th

	Keynote Talk	📍 <i>Crystal Ballroom</i>
	Coordinator: Rui Xia (夏瑞), South China Agricultural University	
8:30-9:15	Haiyang Wang (王海洋) , South China Agricultural University Molecular Breeding of “Next-Generation” Hybrid Maize	
	Plenary Talk	📍 <i>Crystal Ballroom</i>
	Coordinator: Rui Xia (夏瑞), South China Agricultural University	
9:15-9:45	Zhongchi Liu (刘重持) , University of Maryland Mechanism of fruit initiation and diversity in Rosaceae	
9:45-10:15	Jun Wu (吴俊) , Nanjing Agricultural University Regulation mechanism of lignin and cellulose in stone cell of pear fruit	
10:15-10:30	Coffee Break	
	Plenary Talk	📍 <i>Crystal Ballroom</i>
	Coordinator: Zong-Ming (Max) Cheng (程宗明), Nanjing Agricultural University	
10:30-11:00	Siwaret arikit , Kasetsart University Aromatic Coconut Genome Sequencing: Unveiling the Economically important Genes for Accelerating Breeding of High-valued Coconut	
11:00-11:30	Mickael Malnoy , Fondazione Edmund Mach TBD	
	Closing Ceremony	📍 <i>Crystal Ballroom</i>
	Coordinator: Zong-Ming (Max) Cheng (程宗明), Nanjing Agricultural University	
11:30-12:00	Closing Ceremony	
12:00-14:00	Lunch	
	Promotion and Training of Bioinformatics Tools TBtools-II	📍 <i>Crystal Ballroom (A)</i>
	Coordinator: Yanwei Hao (郝彦伟), South China Agricultural University	
14:30-15:30	Chengjie Chen (陈程杰) , South China Agricultural University Promotion and training of bioinformatics tools TBtools-II	
15:30-15:50	Coffee Break	
15:50-17:20	Chengjie Chen (陈程杰) , South China Agricultural University Promotion and training of bioinformatics tools TBtools-II	

November 12th

Journal Session		📍 Crystal Ballroom (A)
19:00-19:20	Horticulture Research Zong-Ming (Max) Cheng (程宗明) , Nanjing Agricultural University	
19:20-19:40	Plant Phenomics Zong-Ming (Max) Cheng (程宗明) , Nanjing Agricultural University	
19:40-20:00	Plant Physiology Yunde Zhao (赵云德) , University of California San Diego	
20:00-20:20	aBiotech Tingting Zhang (张婷婷) , aBIOTECH Editorial Office	
20:20-20:40	Agriculture Communications Chao Chen (陈超) , Beijing Academy of Agriculture and Forestry Sciences	
20:40-21:00	Horticulture Advances Mengna Zhou (周梦娜) , Huazhong Agricultural University Horticulture Advances Editorial Office	
21:00-21:20	Topeditor Ray Wang (王瑞) , TopEdit English Editing LLC	

November 13th

Young Scientist Development Forum		📍 Crystal Ballroom (A)
Coordinator: Chengjie Chen(陈程杰) South China Agricultural University		
19:00-19:40	Zhongchi Liu (刘重持) , University of Maryland 我的学术成长点滴：趣事与启示	
19:40-20:20	Xiaolan Zhang (张小兰) , China Agricultural University 科研起步 - 我的青春我做主	
20:20-21:20	Zhongchi Liu (刘重持) , University of Maryland Xiaolan Zhang (张小兰) , China Agricultural University Juyou Wu (吴巨友) , Nanjing Agricultural University Kai Shi (师恺) , Zhejiang University 圆桌讨论	

November 14th

November 14 th	
	Doctoral and Post-Doctoral Forum 📍 Crystal Ballroom (A)
	Coordinator: Zhengkun Qiu (邱正坤), South China Agricultural University
19:00-19:10	Wenwen Liu (刘文文), Agricultural Genomics Institute at Shenzhen, Chinese Academy of Agricultural Sciences VvBBX44 and VvMYBA1 form a regulatory feedback loop to balance anthocyanin biosynthesis in grape
19:10-19:20	Chengdong Ma (马成栋), Nanjing Agricultural University Circadian clock transcriptional cascade PmRVE1/3-PmNAC32-PmCOL4/5 regulates flowering time in <i>Prunus mume</i>
19:20-19:30	Xiao Huang (黄霄), Nanjing Agricultural University Novel insights into the dissemination route and the low-temperature adaptability in Japanese apricot
19:30-19:40	Wei Tan (谭伟), Nanjing Agricultural University Deciphering the first <i>Prunus conradinae</i> haploid genome to expound the function of the SVP gene associated with flower development in cherry
19:40-19:50	Jiakun Zheng (郑家坤), South China Agricultural University Flower sex differentiation in litchi (<i>Litchi chinensis</i>)
19:50-20:00	Cui Lu (卢翠), South China Agricultural University Haplotype-resolved <i>Camellia gigantocarpa</i> genome assembly provides insights into the chromosome structure and evolution of the <i>Camellia</i> genus
20:00-20:10	huimin Zhang (张慧敏), China Agricultural University Genome-wide association study uncovers a new candidate gene-VvGGPPS participated in the biosynthesis of both monoterpenoid and norisoprenoid
20:10-20:20	Lan Lan (兰岚), Agricultural Genomics Institute at Shenzhen, Chinese Academy of Agricultural Sciences High-quality <i>Bougainvillea</i> genome provides new insights into the evolutionary history and pigment biosynthetic pathways in the Caryophyllales
20:20-20:30	Break

November 14th

Doctoral and Post-Doctoral Forum 📍 Crystal Ballroom (A)	
	Coordinator: Ze Peng (彭泽), South China Agricultural University
20:30-20:40	Jingyi Zheng (郑敬一), Shenyang Agricultural University DNA methylation-dependent epigenetic regulation between Brassica rapa host and Plasmodiophora brassicae interaction
20:40-20:50	Jieqiang He (何杰强), Northwest A&F University Actinobacteria-important friends of a centuries-old apple tree (Malus prunifolia)
20:50-21:00	Feng Li (李凤), Guizhou University Comparative analysis of chloroplast genome structure and phylogenetic relationships among six taxa within the genus Catalpa (Bignoniaceae)
21:00-21:10	Qiao Liu (刘巧), Guizhou University Transcriptome analysis and hormone reveal the key pathways and regulatory network involved in early fruit development of Gleditsia sinensis Lam. (Fabaceae)
21:10-21:20	Zhaohui Niu (牛兆辉), Zhejiang A&F University Regulatory endogenous peptides in Juglandaceae fruit development: A peptidomics approach
21:20-21:30	Xuechen Yao (姚雪辰), China Agricultural University Terroir shapes aroma style in wine grapes: insights into spatiotemporal regulatory network of 'Marselan' aroma in the east foot of helan mountain
21:30-21:40	Nongyu Xia (夏弄玉), China Agricultural University Integrated analysis of transcriptome and metabolome to unveil mechanisms for enhancing grape aroma quality with synthetic auxin: spotlight the mediation of ABA in crosstalk with auxin
21:40-21:50	Xiao Meng (孟潇), China Agricultural University Revealing novel perspectives on the regulation of norisoprenoid biosynthesis of winegrape
21:50-22:00	Huiqing Li (李惠清), China Agricultural University Insights into the impact of cluster bagging on flavonoid compounds in Kolor grape berries: A comprehensive comparative analysis of metabolomics, gene regulation, and chromatic attributes
22:00-22:10	Caiyun Li (李财运), Zhejiang A&F University The StMADS11 subfamily plays essential roles in flower organogenesis and flowering time in hickory

November 14th

November 14 th	
	Doctoral and Post-Doctoral Forum 📍 Crystal Ballroom (B)
	Coordinator: Yi Liao (廖毅), South China Agricultural University
19:00-19:10	Jiahui Hu (胡佳慧), Xinjiang Academy of Agricultural Sciences A calcium-dependent protein kinase ³³ , phosphorylate a bHLH transcription factor ⁸⁹ , enhance drought tolerance in tomato
19:10-19:20	Chunying Li (李春影), Nanjing University of Information Science and Technology Fluorescence characteristics of tomato (<i>Lycopersicon esculentum</i> Mill.) leaves under different high-temperature stress and nitrogen application at flowering and fruiting stage
19:20-19:30	Tao Wang (王涛), China Agricultural University SINAC3 suppresses cold tolerance in tomatoes by enhancing ethylene biosynthesis
19:30-19:40	Lingcheng Zhu (祝令成), Northwest A&F University The SnRK2.3-AREB1-TST1/2 cascade activated by cytosolic glucose regulates sugar accumulation across tonoplasts in apple and tomato
19:40-19:50	Tiantian Yang (杨天天), Northeast Agricultural University ClFSC encodes protein kinase and regulates formation of fruit peel stone cells in watermelon (<i>Citrullus lanatus</i> L.)
19:50-20:00	Yachen Wang (王雅琛), China Agricultural University Ethylene-responsive VviERF003 modulates glycosylated monoterpenoid synthesis by upregulating VviGT14 in grapes
20:00-20:10	Dongyuan Shi (史冬源), Agricultural College of Shihezi University Application of improved unet model in cucumber downy mildew spot segmentation
20:10-20:20	Dan Huang (黄丹), Zhejiang University JAs-inducible PpZAT5 and PpBBX32 modulate temperature-dependent and tissue-specific anthocyanin accumulation in peach fruit
20:20-20:30	Break

November 14th

Doctoral and Post-Doctoral Forum		📍 <i>Crystal Ballroom (B)</i>
Coordinator: Rong Zhou (周蓉), Nanjing Agricultural University		
20:30-20:40	Pinnapat Pinsorn , Chulalongkorn university Unraveling the sulfur-infused aroma of durian fruit: insights into DzMGL function and transcriptional regulation	
20:40-20:50	Yarong Wang (王亚荣) , Chinese Academy of Agricultural Sciences MdMYB3 repress anthocyanin biosynthesis in apple	
20:50-21:00	Durlave Roy , Bangladesh Open University Assessment of locally available seaweeds as sustainable organic compost fertilizer resources	
21:00-21:10	Xiaqin Wang (王夏琴) , Zhejiang Agriculture & Forestry University BRCA1, a DNA-damage repair-related gene, inhibits secondary xylem development in Populus	
21:10-21:20	Yujia Luo (罗宇佳) , Tarim University Comparison of fruit important traits and genetic analysis of hybrid offspring of different male parents of Jujube	
21:20-21:30	Qiufang Zhu (朱秋芳) , Fujian Agriculture and Forestry University Biosynthesis of EGCG, theanine and caffeine in response to temperature is mediated by hormone signal transduction factors in tea plant (<i>Camellia sinensis</i> L.)	
21:30-21:40	Meng-Bo Tian (田萌勃) , China Agricultural University Vineyard microclimate alterations induced by black inter-row mulching through transcriptome reshaped the flavoromics of Cabernet Sauvignon grapes	
21:40-21:50	Yuanyuan Luo (罗圆圆) , Anhui Agricultural University Leaf-derived caffeine as a new weapon targeting rhizosphere microbiota to improve plant performance under nitrogen stress	
21:50-22:00	Xuemin Ma (马学敏) , Umeå Plant Science Centre/SLU Identification of tissue-specific hormonal regulation of root hair formation and response to wounding stress	
22:00-22:10	Botian Zheng (郑博天) , Jilin University Identification of WOX family in blueberry and its potential involvement of adventitious root development and pH stress response	

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