

27-Aug	4:00 PM	Registration desk open
	6:00 PM	Welcome reception
28-Aug	8:30 AM	Registration desk open
	9:00 AM	Opening Remarks
	9:40 AM	<b><u>Plenary lecture: Guglielmo COSTA</u></b>
		L-01: Dealing with plant bioregulators in Italy: from the introduction to now
	10:20 AM	Coffee Break
	10:40 AM	<b>Session 1: Thinning and Alternate Bearing</b>
		<u>Joshua D. KLEIN (10:40–11:00 AM)</u>
		L-02: Blossom thinning of stonefruit and apples using organosilicone surfactants with ethephon
		<u>Karen I. THERON (11:00–11:20 AM)</u>
		L-03: Chemical thinning of 'Forelle' pear with abscisic acid and 1-Aminocyclopropane-1-carboxylic acid
		<u>Steven MCARTNEY (11:20–11:40 AM)</u>
		L-04: Efficacy of 1-Aminocyclopropane-1-carboxylic acid as a stonefruit thinner: A summary of field studies from 2006-2016
		<del><u>Wen-Li LEE (11:40–12:00 AM)</u></del>
		<del>L-05: Influence of spraying hormones after fruit-setting on the yield of lychee cultivar 'Yu He Pao'</del>
		<del><u>Xuming HUANG (11:40–12:00 PM)</u></del>
	L-d1: IAA from the fruit serves as the key player in regulating abscission layer activity in response to carbohydrate availability	
12:20 PM	Lunch break	
1:35 PM	<b>Student's Session 1</b>	
	<u>Shan JING (1:35–1:50 PM)</u>	
	S-01: Spatial and temporal regulation of carbohydrate metabolism during fruit development in apple	
	<u>Luciana Isabel SALES (1:50–2:05 PM)</u>	
	S-02: Salt tolerance in apple seedlings is affected by the ABA receptor inhibitor AS6	
	<u>Takahiro YAMADA (2:05–2:20 PM)</u>	
	S-03: Anatomical and histochemical studies of separation process on the juncture tissues between peduncles and bourses on apple fruit	
	<u>Sirinan SUKTAWEE (2:20–2:35 PM)</u>	
	S-04: Jasmonates influenced ethylene signal transduction in apple fruit infected by Botrytis cinerea	

Yi-Wen WANG (2:35–2:50 PM)

S-05: Effect of ethephon, abscisic acid, and methyl jasmonate on ripening in rabbiteye blueberries

2:50 PM **Session 2: Flowering and Fruiting**

**Invited speaker: Nobuhiro KOTODA**

L-06: Molecular basis of flowering in fruit trees

Yuanwen TENG (3:20–3:40 PM)

L-07: Studies on pear parthenocarpy induced by using exogenous plant hormones and growth regulators

Luis ASIN (3:40–4:00 PM)

L-08: Prohexadione-calcium performance on fruit set in different pear cultivars in North-Spain of Spain

Idit GINZBERG (4:00–4:20 PM)

L-09: Strengthening apple fruit resistance to skin cracking by application of plant growth regulators

Poliana FRANCESCATTO (4:20–4:40 PM)

L-10: Understanding and inducing flower formation in European pears

4:40 PM Coffee Break

5:00 PM **Session 3: Tropical fruit**

**Invited speaker: Sisir Kumar MITRA**

L-d2: Paclobutrazol in flowering of some tropical and subtropical fruits

Smadar HARPAZ-SAAD (5:30–5:50 PM)

L-11: Litchi fruit pericarp browning in 'Hong Long' vs. 'Mauritius'

Yaowarat WONGSRISAKULKAEW (5:50–6:10 PM)

L-d3: Effect of Paclobutrazol concentrations of foliar application on flowering of 'Mahachanok' mango

Oswaldo Kiyoshi YAMANISHI (6:10–6:30 PM)

L-12: Evaluation of the application of ethylene inhibitors to prevent pre-harvest fall in 'Hass' avocado plants

Wen-Li LEE (6:30–6:50 PM)

L-05: Influence of spraying hormones after fruit-setting on the yield of lychee cultivar 'Yu He Pao'

6:50 PM **Poster&lamp Session**

29-Aug 8:30 AM Registration desk open

8:45 AM **Student's Session 2**

Humberto Mitio HORIKOSHI (8:45–9:00 AM)

S-06: Metabolic profiling of 'Housui' Japanese pear flower buds treated with hydrogen cyanamide

Hong LIN(9:00–9:15 AM)

S-07: Abz or ethephon application effects 'Shine Muscat' grape berry maturation

Hnin Yin CHO (9:15–9:30 AM)

S-08: Plant morphological characteristics for year-round production and its fruit quality in response to different light wavelengths in blueberry

Sureeporn SUKPORN (9:30–9:45 AM)

S-09: Application of pre- and post-harvest salicylic acid on internal browning alleviation and postharvest quality of 'Phulae' pineapple fruit

Laddawan KOWITCHAROEN (9:45–10:00 AM)

S-10: Changes of physico-chemical quality and antioxidant activity at harvest and during storage in sugar apple subjected to drought stress

10:00 AM Coffee Break

10:20 AM **Session 4: Vegetative growth**

**Invited speaker: Homero RAMIREZ**

L-14: Pomological characteristics and gibberellins identification on 'Golden Delicious' apple mutants

Suphachai AMKHA (10:50–11:10 AM)

L-15: Gibberellin application and potash fertilizer on yield and total soluble solid content in 'White Malaga' grape, Thailand

Matthew FIDELIBUS (11:10–11:30 PM)

L-16: Effects of exogenous abscisic acid (ABA) applications on water use and cropping of Thompson Seedless grapevines

Anton Michael MULLER (11:30–11:50 PM)

L-17: The use of 6-benzyl adenine plant growth regulators to increase same-season branching on one-year-old lateral extension growth of third-leaf apple trees

12:00 PM Lunch break

1:30 PM Excursion

30-Aug 8:30 AM Registration desk open

9:00 AM **Session 5: Ripening and Postharvest Physiology**

**Invited speaker: Yujin HAO**

L-18: Molecular mechanism by which phytohormone ABA promotes sugar accumulation in apple

Fabrizio COSTA (9:30–9:50 AM)

L-19: The interference of the ethylene perception machinery leads to a re-programming of the fruit quality-related transcriptome and induce a cross-talk circuit with auxin in apple

Nicola BUSATTO (9:50–10:10 AM)

L-20: A multidisciplinary investigation discloses the role of ethylene in preventing the development of superficial scald in apple

Caixia Dong (10:10–10:30 AM)

L-21: Potassium influences the expression of key genes involved in sorbitol metabolism in pear leaf and fruit

10:30 AM Coffee Break

Garrido SHARON-MRIE (10:50–11:10 AM)

L-22: The effect of phytohormones and shading on the aroma and flavor characteristics in Koshu and Chardonnay varieties

Keiko SATO (11:10–11:30 AM)

L-23: Application timing of gibberellin and prohydrojasmon mixture for regulating the maturation process in medium-late maturing citrus

Omar Franco MORA (11:30–11:50 AM)

L-24: Natural and chemical phenols delay postharvest fruit decay in strawberry and the Annonaceae cherimoya and soursop

Varit SRILAONG (11:50 AM–12:10 PM)

L-25 :Effects of fluridone or 1-naphthaleneacetic acid on fruit drop and quality of longkong fruit after harvest

Issaya PUSITTIGUL (12:10–12:30 PM)

L-13: Roles of endogenous gibberellins and abscisic acid on internal browning of pineapples

12:30 PM Lunch break

2:00 PM **Session 6: Biochemical and Molecular Aspect**

**Invited speaker: Masanori OKAMOTO**

L-26: Chemical regulation in ABA metabolism and signaling

Prita Sari Dewi (2:30–2:50 PM)

L-27: Direct shoot organogenesis in Indonesian mandarin (Citrus nobilis cv. `Brastagi`) supplemented with BA and assessment of genetic fidelity of micropropagated plants using RAPD and CAPS analysis

Shanshan WANG (2.50–3:10 PM)

L-28: The effect of ethylene inhibitor or ABA inhibitor on ripening in Japanese apricot (Prunus mume Sieb. et Zucc.)

Liwu ZHU (3:10–3:30 PM)

L-29: Effect of plant growth regulators on calyx abscission, fruit quality, and auxinrepressed protein (ARP) gene expression in fruitlets of `Dangshansuli` pear (Pyrus bretschneideri Rehd.)

Hataitip NIMITKEATKAI (3:30–3:50 PM)

L-30: Aroma volatile emissions and expressions of aroma-related genes in jasmonate-treated apple infected by a pathogen

3:50 PM Coffee Break

4:10 PM **Session 7: Dormancy & Crop production**

**Invited speaker: Etti OR**

L-31: ABA is a modulator of endo-dormancy release in grapevine buds

Aussanee PICHAKUM (4:40–5:00 PM)

L-32: Responses of green kiwifruit grown in low-chill area to hydrogen cyanamide application

Suriyan CHA-UM (5:00–5:20 PM)

L-33: Physio-morphological changes and fruit yield traits of Cavendish banana (*Musa sapientum* AAA group cv. 'Kluai Hom Thong') under organic farming management in the North region of Thailand

Rujira TISARUM (5:20–5:40 PM)

L-34: Free proline, total soluble sugar enrichment, photosynthetic abilities and growth performances in dragon fruit (*Hylocereus undatus* (Haw) Britt. & Rose) grown under mannitol-induced water deficit stress

5:40 PM Closing Remarks

7:00 PM Farewell dinner