

Date/ Hour	Aug.20 (Sun)	Aug.21(Mon)	Aug.22(Tue)	Aug.23(Wed)	Aug.24 (Thu)	
8:00		Registration (8:00-18:00)	Registration (8:00-18:00)	Registration (8:00-18:00)	Post-Conference Tour	
8:30		Opening Ceremony (8:30-9:10, 309AB)	Keynote Speech II (8:30-9:10, 309AB)	Keynote Speech III (8:30-9:10, 309AB)		
9:00		Keynote Speech I (9:10-9:50, 309AB)	Group Photo with Coffee Break (9:10-9:50)	Poster Session with Coffee Break (9:10-10:00) P-09/P-10/P-11		
9:30	Coffee Break (9:50-10:10)	Oral Session (9:50-12:00)	Oral Session (10:00-12:00)			
10:00	Registration (10:00-18:00)	Oral Session (10:10-12:10)	O-10 Greenhouse System and Design I (307AB) O-11 Plant Factory Technology I (308) O-12 Crop Production & Management II (309AB)	O-17 Greenhouse System & Design II (307AB) O-18 Plant Factory Technology II (308) O-19 Climate Control & Modeling III (309AB)		
10:30		O-01 Climate Control & Modeling I (307AB) O-02 Crop Production & Management I (308) O-03 Lighting Technology I (309AB)				
11:00		Lunch (12:10-13:40)				Lunch (12:00-13:30)
11:30		Oral Session (13:40-15:40)	Oral Session (13:30-15:30)	Oral Session (13:30-15:00)		
12:00		Poster Session with Coffee Break (15:40-16:40) P-01/P-02/P-03/P-04/P-05	O-13 Covering Materials (306AB) O-14 Lighting Technology II (307AB) Business Session for Sponsors (308)	O-20 Crop Production & Management III (306AB) O-21 Plant Factory Technology III (307AB) CFD Working Group Meeting (308)		
12:30						Oral Session (16:40-18:00)
13:00					O-04 Fertigation & Growing Medium Management I (306AB) O-05 Product Quality I (307AB) O-06 Crop Modeling (308)	O-15 Climate Control & Modeling II (306AB) O-16 Lighting Technology IV (307AB) Business Meeting for CMEN & CMPC; WG Meeting for Protected Cultivation in Mild Winter (308)
13:30		Poster Session with Coffee Break (15:30-16:30) P-06/P-07/P-08	Business Meeting for CMEN & CMPC; WG Meeting for Protected Cultivation in Mild Winter (308)	Closing Ceremony (15:00-15:30, 309AB)		
14:00		Oral Session (16:30-18:00)				
14:30		O-07 Fertigation & Growing Medium Management II (306AB) O-08 Product Quality II (307AB) O-09 Lighting Technology II (308)				
15:00	Oral Session (16:30-18:00)	Banquet Dinner at Badaling Hotel				
15:30	Poster Session with Coffee Break (15:30-16:30) P-06/P-07/P-08					
16:00	Oral Session (16:30-18:00)					
16:30	Oral Session (16:30-18:00)	Banquet Dinner at Badaling Hotel				
17:00	O-07 Fertigation & Growing Medium Management II (306AB) O-08 Product Quality II (307AB) O-09 Lighting Technology II (308)					
17:30	Oral Session (16:30-18:00)					
18:00	Oral Session (16:30-18:00)	Banquet Dinner at Badaling Hotel				
18:30	Poster Session with Coffee Break (15:30-16:30) P-06/P-07/P-08					
19:00	Oral Session (16:30-18:00)					
19:30	Oral Session (16:30-18:00)	Banquet Dinner at Badaling Hotel				
20:00	Poster Session with Coffee Break (15:30-16:30) P-06/P-07/P-08					
	Oral Session (16:30-18:00)					

Date/ Hour	Aug.21(Mon)		
8:00	Registration (8:00-18:00)		
8:30	Opening Ceremony (8:30-9:10, 309AB) Welcome speech by minister of Agricultural Ministry & general director of CAAS Highlight presentation by academician Tianlai Li		
9:00	Keynote Speech I (9:10-9:50, 309AB) Speaker: Leo Marcelis Chair: Weihong Luo		
9:30	Coffee Break (9:50-10:10)		
10:00	Oral Session (10:10-12:10)		
10:30	O-01 Climate Control & Modeling (I) (307AB)	O-02 Crop Production & Management (I) (308)	O-03 Lighting Technology (I) (309AB)
11:00	Chair: Murat Kacira Invited: In-Bok Lee	Chair: Stefania De Pascale Invited: Jung Eek Son	Chair: Ep Heuvelink Invited: Xiuming Hao
11:30	O-01-01: Pierre-Emmanuel Bournet O-01-02: Jouke Campen O-01-03: Rackwoo Kim O-01-04: Wei Lu O-01-05: Giuliano Vox	O-02-01: Cecilia Stanghellini O-02-02: Kai Zhang O-02-03: D �lia R.A.Carvalho O-02-04: Yaling Li O-02-05: Yuya Mochizuki	O-03-01: Ricardo Hernandez O-03-02: Sissel Torre O-03-03: Theoharis Ouzounis O-03-04: Chengyao Jiang O-03-05: Yujin Park
12:00	Lunch (12:10-13:40)		
12:30	Lunch (12:10-13:40)		
13:00	Lunch (12:10-13:40)		
13:30	Lunch (12:10-13:40)		
14:00	Oral Session (13:40-15:40)		
14:30	O-04 Fertigation & Growing Medium Management (I) (306AB)	O-05 Product Quality (I) (307AB)	O-06 Crop Modeling (308)
15:00	Chair: Weijie Jiang Invited: Stefania De Pascale	Chair: Nazim Gruda Invited: Martine Dorais	Chair: Tadahisa Higashide Invited: Ep Heuvelink
15:30	O-04-01: Etienne Chantoiseau O-04-02: Mojtaba Delshad O-04-03: Youbin Zheng O-04-04: Hailiang Zhao O-04-05: Xiao Yang	O-05-01: Celine C.S. Nicole O-05-02: Akvilė Viršilė O-05-03: Qianxixi Min O-05-04: Susana M.P. Carvalho	O-06-01: Weihong Luo O-06-02: Irineo Lopez-Cruz O-06-03: Dae Ho Jung O-06-04: Doudou Guo
16:00	Poster Session with Coffee Break (15:40-16:40) P-01/P-02/P-03/P-04/P-05		
16:30	Poster Session with Coffee Break (15:40-16:40) P-01/P-02/P-03/P-04/P-05		
17:00	Oral Session (16:40-18:00)		
17:30	O-07 Fertigation & Growing Medium Management (II) (306AB)	O-08 Product Quality (II) (307AB)	O-09 Lighting Technology (II) (308)
18:00	Chair: Danfeng Huang O-07-01: Tae In Ahn O-07-02: Martine Dorais O-07-03: Johanna Suhl O-07-04: Ligen Yu	Chair: Susana M.P. Carvalho O-08-01: Maryam Seifi kalhor O-08-02: Dennis Dannehl O-08-03: Shivappa Mantur O-08-04: Sasan AliniaEIFARD	Chair: Eiji Goto O-09-01: Wataru Sugeno O-09-02: Dongxian He O-09-03: Hans Spalholz O-09-04: Jun wei Yang

Date/ Hour	Aug.22(Tue)		
8:00	Registration (8:00-18:00)		
8:30	Keynote Speech II (8:30-9:10, 309AB) Speaker: Toyoki Kozai Chair: Gerard P.A. Bot		
9:00	Coffee Break with Group Photo (9:10-9:50)		
9:30	Coffee Break with Group Photo (9:10-9:50)		
10:00	Oral Session (9:50-12:00)		
10:30	O-10 Greenhouse System and Design (I) (307AB)	O-11 Plant Factory Technology (I) (308)	O-12 Crop Production & Management (II) (309AB)
11:00	Chair: Irineo Lopez-Cruz Invited: F.J. Baptista O-10-01: Frank Kempkes O-10-02: Yi Zhang O-10-03: Dianfan Zhou O-10-04: Vincent Truffault O-10-05: Liwei Yue O-10-06: Sajjad A. Rao	Chair: Jung Eek Son Invited: Eiji Goto O-11-01: Wei Fang O-11-02: Jie He O-11-03: Cecilia Stanghellini O-11-04: Xiaoli Chen O-11-05: Ying Zhang O-11-06: M. P.C.M. Krijn	Chair: Carl-Otto Ottosen Invited: Jingquan Yu O-12-01: Xiuming Hao O-12-02: Yuqi Zhang O-12-03: Naomichi Fujiuchi O-12-04: Alejandro Bustamante O-12-05: Nhung Ngoc Hoang O-12-06: Wenjuan Yu
11:30			
12:00	Lunch (12:00-13:30)		
12:30	Lunch (12:00-13:30)		
13:00	Lunch (12:00-13:30)		
13:30	Oral Session (13:30-15:30)		
14:00	O-13 Covering Materials (306AB)	O-14 Lighting Technology (III) (307AB)	Business Meeting for Sponsors (308)
14:30	Chair: Xiuming Hao Invited: Meir Teitel O-13-01: Silke Hemming O-13-02: Murat Kacira O-13-03: Ido Seginer O-13-04: Kexin Zheng	Chair: Erik Runkle Invited: Chungui Lu O-14-01: Nieves Garc á Victoria O-14-02: Carl-Otto Ottosen O-14-03: Yongran Ji O-14-04: Zhonghua Bian O-14-05: Ausra Brazaityte	Chair: Zhirong Zou B-01: Relighting B-02: Agri-Garden B-03: Aessense B-04: Yuhua Diffuse Glass B-05: Yijiatianyuan B-06: USHIO B-07: ChinaGreenhouse
15:00			
15:30	Poster Session with Coffee Break (15:30-16:30) P-06/P-07/P-08		
16:00	Poster Session with Coffee Break (15:30-16:30) P-06/P-07/P-08		
16:30	Oral Session (16:30-18:00)		
17:00	O-15 Climate Control & Modeling (II) (306AB)	O-16 Lighting Technology (IV) (307AB)	ISHS Business Meeting (308) Chairs: Murat Kacira & Stefania De Pascale & Juan A. Fernández Commission Horticultural Engineering (CMEN) & Protected Cultivation (CMPC); WG meeting for Protected Cultivation in Mild Winter
17:30	Chair: Meir Teitel O-15-01: Feije De Zwart O-15-02: Ukhyeon Yeo O-15-03: Evelia Schettini O-15-04: Weituo Sun O-15-05: Sang Min Lee	Chair: Matsuda Ryo O-16-01: D ália R.A.Carvalho O-16-02: Shalin Khosla O-16-03: Keiko Ohashi O-16-04: Rongqi Chen	
18:00			

Date/ Hour	Aug.23(Wed)		
8:00	Registration (8:00-18:00)		
8:30	Keynote Speech III (8:30-9:10, 309AB) Speaker: Juan I. Montero Chair: Silk Hemming		
9:00	Poster Session with Coffee Break (9:10-10:00) P-09/P-10/P-11		
10:00	Oral Session (10:00-12:00)		
10:30	O-17 Greenhouse System and Design (II) (307AB) Chair: In-Bok Lee Invited: Qichang Yang O-17-01: E. J. Baeza Romero O-17-02: Meir Teitel O-17-03: Jianming Li O-17-04: Fatima Baptista O-17-05: Sangyeon Lee	O-18 Plant Factory Technology (II) (308) Chair: Wei Fang Invited: Murat Kacira O-18-01: Tomohiro Jishi O-18-02: Eri Hayashi O-18-03: Zengchan Zhou O-18-04: Suthisak Saengtharatip O-18-05: Yuxin Tong	O-19 Climate Control & Modeling (III) (309AB) Chair: Pierre-Emmanuel Bournet O-19-01: Hicham Fatnassi O-19-02: T. M. Ram �rez Jim �nez O-19-03: Philip A. Davies O-19-04: Bo Zhou O-19-05: Kazuhiro Fujiwara O-19-06: Takeshi Kuroyanagi
11:00	Lunch (12:00-13:30)		
11:30	Lunch (12:00-13:30)		
12:00	Lunch (12:00-13:30)		
12:30	Lunch (12:00-13:30)		
13:00	Lunch (12:00-13:30)		
13:30	Oral Session (13:30-15:00)		
14:00	O-20 Crop Production & Management (III) (306AB) Chair: Chungui Lu O-20-01: Dimitrios Savvas O-20-02: Xiaoting Zhou O-20-03: Fengzhi Wu O-20-04: Mizuho Itoh O-20-05: Abraham R. Aguilar	O-21 Plant Factory Technology (III) (307AB) Chair: Kazuhiro Fujiwara O-21-01: Yuming Fu O-21-02: Yuanhao Chen O-21-03: Hiroki Umeda O-21-04: Pei-Chen Huang	CFD Working Group Meeting (308) Chair: Hicham Fatnassi
14:30	Closing Ceremoney (15:00-15:30, 309AB)		
15:00	Closing Ceremoney (15:00-15:30, 309AB)		
15:30	Closing Ceremoney (15:00-15:30, 309AB)		