< Oral >



TIMETABLE, Sunday 25 August

Ver	nue	13	3:00	13:30	 14:00	14:	:30	15	:00 15:	30 16	:00 16:30	17:00	17	7:30 1	3:00	18:30	19:00
Main	Hall								15:00 - 15:30 P.44 Opening Ceremony		16:00 - 16:45 P.4 The Wigglesworth Memorial Lecture and Award Ceremony May Berenbaum		Silvestri Lecture ward nony	Certificate of Distinction and	r		
Event	Exhibition	1	13:00 -	18:00					Exhib	oition							
Hall	Coffee Break									15:30 - 16:00 Coffee Break							
	quet Swan															00 - 20:00 Welcome M	
Japa Gar	nese den														@	Banquet Hall Japanese Ga	

TIMETABLE, Monday 26 August

Ver	nue	7:00	7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00
Main	Hall					P.45 Lecture 1 A. Moran						 		
Roo	mA								[14- application or g for insect po	f Empirica				
Annex	Hall 1								-14- ect Technique ntegrated Pest	(SIT) Appl				
Annex	Hall 2					1			[14- ors of plant p os and develo	athogens				
Roon	n C-1							9:45 - 11:45	[7-2 of life history	2]	P.48			
Roon	n C-2							9:45 - 11:45 Stick insect b	[7-4 piology and evol syste	ution: an e	P.49 merging model			
Roo	m D								[16-	1] a warming				
Roo	m E							9:45 - 11:45	[16-3 od saliva: fror practical ap	3] n basic se	P.51 cience to			
Roo	m F							9:45 - 11:45 Insect Bio D	[2-1 Digital Transfo		P.52			
Roo	m G							9:45 - 11:45	[20- ad hoc se		P.53			
Roo	m H							9:45 - 11:45 The role of	[11- f pollen lipids larvae to lan	in bee nu				
Roon	n B-1								[18- e morphologion beetles and re	cal adapti				
Roon	n B-2								[3-1 rategies of nat l parasitoids in	ural enen				
Roc	m I					1		9:45 - 11:45 Ecology o	[13- of biting flies: control str	developm	P.58 nent of new			
Roo	m J					1			[5-1 erm perspecti rchaeological	ves: Quat				
Roo	m K								[8-1 towards geno ves in non-mo	- me editin				
Roon	n 554							9:45 - 11:45 Global m	[12- nacroecology		P.61 invasions			
Roon	n 555								[4-1] the Role of Insent Research	ect Com				
Roon	n 509							9:45 - 11:45 Aging	[17- and longevity	-	P.64 insects			
Roon	n 510							9:45 - 11:45 Biology of	[10- f insect bacteri symbio	iocytes an	P.65 nd microbial			
	Exhibition					9:00 - 1	18:00			Exhib	ition			
Event Hall	Poster		7:15 - 9:15	Se	et Up		9:15 - 11:45		Viewing			11:45 - 13:30 11:45-12:3 12:40-13:3	Authors Pre	dd numbers
	Coffee Break						9:15 - 9:45 Coffee Break							
Ban Hall S	-											11:45 - 13:30		
Band Hall S	-												Lunchroo	om





13:	:30 14	:00	14:30	15:00	15:	30 16	:00	16:30	17:00	17:30	18:00	18:30	9:00	19:30	20:00	20:30
							!		1		 					
	13:30 - 15:30		[14-2]		P.45			16:15 - 18:15	[14	-2]	P.45		-			
	Genetic		tion Engineer anagement	ring for	Pest			Genetic F	opulation Manag	Engineering for	or Pest					
	13:30 - 15:30	····	[14-4]		P.46			16:15 - 18:15	[14		P.46		 			
	Bemisia ta	baci: a ¡	pernicious pe vector	st and	a super			Bemisia tab	aci: a perni vec	icious pest an	d a super					
_	13:30 - 15:30		[7-1]		P.47		-	16:15 - 18:15	[7-		P.47		-		1	
	Evoluti		rmites and co	ockroa	ches			Evolution	n of termite	s and cockro	aches					
_	13:30 - 15:30		Blattodea)		P.48		-	16:15 - 18:15	(Blatt		P.48		-			
	Arthrop	od Ecol	[7-3] ogy in the An	thropo	cene			Arthropo	. 7] d Ecology i	-3] in the Anthrop	ocene					
_	13:30 - 15:30		[7-5]		P.49		-	16:15 - 18:15	[7-		P.49					
	11th		tional Sympo	sium o	on			11th I	nternationa	al Symposium	on					
	13:30 - 15:30	Ch	rysomelidae [16-2]		P.51			16:15 - 18:15	Chrysoi [16		P.51		-			
	Low tempe		iology: molecula		anisms,			Low temper	ature biology	: molecular med	hanisms,					
	physiological 13:30 - 15:30	processe	es, and organism	nal con	sequences P.52		-	physiological p		d organismal co	nsequences P.52		-			
		ogy of n	[16-4] nosquitoes b	eyond					16] s and PIWI	5] -interacting (p					-	
	12-20 15-20		seeking		D.50			16:15 - 18:15		ects			-			
	13:30 - 15:30 Transitionir	na Insec	[15-1] ticide Scienc	e Tech	P.53				15] Insecticid	i -1] e Science Tec	P.53 chnologies					
	for the D		ment of Novel		istries			for the De		of Novel Cher	mistries					
	13:30 - 15:30		[15-2]		P.54		!	16:15 - 18:15	[15	_	P.54				1	
		Bioinsp	pired pest cor	itrol				E	Bioinspired	pest control					-	
	13:30 - 15:30 Pollinatio	n consili	[11-2] ence: key roles	of for	P.55		!	16:15 - 18:00 Pollination co	[11-2]	roles of forests	P.55				1 1 1	
			on in anthropog							ropogenic lands					-	
	13:30 - 15:30		[18-2]		P.56			16:15 - 18:15	[18	3-2]	P.56					
	Build	ding a be	etter insect tr	ee of I	ife			Buildi	ng a better	insect tree of	life					
	13:30 - 15:30		[3-2]		P.57			16:15 - 18:15	[3-	_	P.57					
			I Control of A se and Praction							ntrol of Arthro ad Practical C						
	13:30 - 15:30		[13-2]		P.58			16:15 - 18:15	[13	 3-2]	P.58				1	
	The Global	Bed Bu	ug Resurgend	e, 20 \	rears On			The Global E	Bed Bug Re	esurgence, 20	Years On					
	13:30 - 15:30		[5-2]		P.59			16:15 - 18:15	[5-	-	P.60				-	
		ad	hoc session							East Asia: life aphy, and cor					-	
	13:30 - 15:30		[20-2]		P.61			16:15 - 18:15	[20)-3]	P.61					
	Biotremo	ology I -	Behavioural Ecology	and Se	ensory			Biotremo		oplied Biotrem	nology					
	13:30 - 15:30		[12-2]		P.62			16:15 - 18:15	[8-	-2]	P.62		1			
			Strategies for Ma Trade, Travel, a				į			diseases ide rol in the geno					į	
	13:30 - 15:30		[6-1]		P.63			16:15 - 18:15	[6-		P.63					
	New devel	opments	s in entomolo nutrition	gical p	precision			New develop		entomological ition	precision					
_	13:30 - 15:30		[17-2]		P.64			16:15 - 18:15	[17		P.64					
			Microbiome-E Symbiosis in						on to Micro	biome-Driver						
_	13:30 - 15:30	unu	[10-2]	23010	P.65			16:15 - 18:15	[10		P.65					
	Extended p		oes emerging s and microbe		s insects,			Extended ph	enotypes e	merging acro	ss insects,					
		piarit					!		piano ano				-			
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	13:30 - 18:00										18:00 -	19:00	 			
						Viewing						Takedown				
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TIMETABLE, Tuesday 27 August

Ver	nue	7:00 7:30 8	8:00 8:30	9:00	9:30	10:00	10:30 11	:00 11:30	12:	00 12:30	13:00
Main	Hall		8:15 - 9:15 Plenary Le Fredrik Ro			 		1 	1 1 1 1 1		
Roc	omA						[14-6] estructive forest	P.67 pests: sharing			
Annex	Hall 1					9:45 - 11:45 Cutting-edge p	[14-8] pest control tect	P.68 nniques developed			
Annex	Hall 2			1		9:45 - 11:45	[7-6]	nductor laser light P.69 insect movement	1		
Roon	n C-1					9:45 - 11:45	[7-7]	P.70			
Roon	n C-2					9:45 - 11:45	Trace Chemic	P.71			
Roo	m D					9:45 - 11:45	ad hoc session [16-6]	P.72			
Roo						9:45 - 11:45	sect circadian (P.73 based intercellular		12:00 - 13:15 Women in Ento	P.74 mology
	om F					9:45 - 11:45	munication in [20-4] omics, and Gam	insects P.75		Luncheon Se	minar
Roo						9:45 - 11:45	mological Enga [2-2]				
Roo						on Wild Sil 9:45 - 11:45	lkworms and Si [11-3]	Ik in the World			
						9:45 - 11:45	conservation	effective use and			
Roon	n B-1					9:45 - 11:45	ad hoc session	on 			
Roon	n B-2					Genetic imp	provement of bi agents	ological control			
Roo	om I					9:45 - 11:45	[3-5] ad hoc session	on 			
Roo	m J					Biology ar inhab	[13-4] nd managemen piting Aedes mo	t of Container- esquitoes			
Roo	m K					, ,	[5-6] r view of insect conservatio				
Roon	n 554					9:45 - 11:45 Insects ge	[8-4] nome and trans analysis	P.83 scriptome data	1		
Roon	n 555			: : : :		9:45 - 11:45	[4-2] ad hoc session	<i>P.84</i> on			
Roon	n 509						[17-3] olution of social parison across	P.86 I behavior through species			
Roon	n 510					9:45 - 11:45 Data-intensive	[20-6] e entomology: glo practices	P.87 bbal standards and			
	Exhibition			9:00 - 1	8:00			xhibition			
Event Hall	Poster	7:15 - 9:15	Set Up		9:15 - 11:45	V	/iewing		11:45	Authors Pres 1-12:35 Posters with odd 1-13:30 Posters with eve	d numbers
	Coffee Break				9:15 - 9:45 Coffee Break			1			
	quet Swan				2. Jun			 	11:45 - 1	13:30	
Ban	quet							 		Lunchroor	n
Hall S	akura	!	!	!		<u> </u>		1			





11.57 1.50 1.6-0 1.72 1.50 1.6-0 1.72 1.50 1.50 1.6-0 1.72 1.50 1.5	18:00 18:30 19:00 19:30 20:00 2	16:30 17:00 17:30 18:00	30 16:00	14:00 14:30 15:00 15
Piff of Invasive Insect Petats in the Specialty Copes under the Changing Clinical Patterns				
PMO of Invasive Insect Pests in the Specialty Copes under the Changing Climate Patterns (1-4-0) First (1-4-0) Firs	P67	16:15 - 18:15		15:30
Life table theory and computer simulation for peet imanagement programs 39-1530 [14-10] R70 Development and application of batts for thermane fromths control in the last three decades subtractions from the control in the last three decades subtractions from the control in the last three decades subtractions from the control in the last three decades subtractions from the control in the last three decades subtractions from the control in the last three decades subtractions from the control in the last three decades subtractions from the last three subtractions from the last three subtractions and subtractions from the last three subtractions and subtractions from the last three decades subtractions from the last three subtractions and subtractions from the last three subtractions from the last three subtractions from the last three subtractio	the Specialty	IPM of Invasive Insect Pests in the Specialt		of Invasive Insect Pests in the Specialty
Development and systemation of basis for the thermore in termine or decides in the time the decides in the time of tim	simulation for	Life table theory and computer simulation fo		table theory and computer simulation for
Ecology, evolution and biodiversity of gall- inducing insects 10 : 15:30	of baits for	Development and application of baits for		Development and application of baits for
Nutritional exclosity recent advances, and future challenges 10-15:00 [16-6] P77 [16-6]		Ecology, evolution and biodiversity of gall-		ology, evolution and biodiversity of gall-
16-6		Nutritional ecology: recent advances, and		tritional ecology: recent advances, and
15-30 16-9	urobiological and	16:15 - 18:15 [16-7] Emergence timing: from molecular, neurobiological at		15:30 P.72
16:15 - 18:15 15-3	P.74 tion. A symposium	16:15 - 18:15 [16-10] Juvenile Hormone: From biosynthesis to action. A sympos		[16-9]
30 - 15:30	P.75 g insect pests	16:15 - 18:15 [15-3] New developments in controlling insect pes		developments in controlling insect pests
16:15 - 18:15 1-1 P.77 Novel technologies and seeds toward innovative mite management 16:15 - 18:15 18-14 P.78 P.79 P	P.76 ides: what	16:15 - 18:00 [15-4] <i>P.76</i> Realizing the potential of RNA biopesticides: what		15:30 [15-4] P.76 ing the potential of RNA biopesticides: what
30 - 15:30	P.77 ds toward	16:15 - 18:15 [1-1] Novel technologies and seeds toward		15:30 [1-1] P.77 Iovel technologies and seeds toward
Recent advances in biology, ecology and application of egg parasitoids 30 - 15:30	P.78 s - Symposium	16:15 - 18:15 [18-4] Phylogeny and Evolution of Beetles - Symposiu		15:30 [18-4] P.78 geny and Evolution of Beetles - Symposium
Advance in Management of Invasive Mosquitoes in Urban Areas 30 - 15:30 [5-4]	P.79 cology and	16:15 - 18:15 [3-4] Recent advances in biology, ecology and		15:30 [3-4] P.79 cent advances in biology, ecology and
30 - 15:30 [5-4] ad hoc session 30 - 15:30 [8-3] Re3 Frontiers in Research on the Molecular Basis underlying the Diversity of Insect Color Patterns 30 - 15:30 [9-1] Re4 Frontiers in Research on the Molecular Basis underlying the Diversity of Insect Color Patterns 30 - 15:30 [9-1] Re4 Frontiers in Research on the Molecular Basis underlying the Diversity of Insect Color Patterns 30 - 15:30 [9-1] Re5 Frontiers in Research on the Molecular Basis underlying the Diversity of Insect Color Patterns 30 - 15:30 [9-1] Re5 From Blum's semiostemicals parsimony to Wilson's consilience 30 - 15:30 [10-2] Re6 Invironmental DNA: from insect monitoring to the assessment of ecological interactions 30 - 15:30 [10-3] Re7 Inbiotic microorganisms alter insect behavior Viewing Viewing 15:30 - 16:15 Incited Table 18:15 Incited Table 18:15 I	P.80 Invasive	16:15 - 18:15 [13-3] Advance in Management of Invasive		15:30 [13-3] P.80 Advance in Management of Invasive
Frontiers in Research on the Molecular Basis underlying the Diversity of Insect Color Patterns 30 - 15:30	P.82	16:15 - 18:15 [5-5]		[5-4]
30 - 15:30	lecular Basis	Frontiers in Research on the Molecular Basi		tiers in Research on the Molecular Basis
30 - 15:30 [4-3] P.85 From Blum's semiochemicals parsimony to Wilson's consilience 30 - 15:30 [20-5] P.86 nvironmental DNA: from insect monitoring to the assessment of ecological interactions 30 - 15:30 [10-3] P.87 mbiotic microorganisms alter insect behavior 16:15 - 18:15 [20-5] P.86 Environmental DNA: from insect monitoring to the assessment of ecological interactions 16:15 - 18:15 [10-4] P.88 Advancing experimental manipulation of insect-bacterial associations 18:00 - 19:00 Takedown	P.84 etween insects	16:15 - 18:15 [9-1] Formparative immune signaling between insections.		15:30 [9-1] P.84 parative immune signaling between insects
30 - 15:30 [20-5] P.86 Invironmental DNA: from insect monitoring to the assessment of ecological interactions 30 - 15:30 [10-3] P.87 Invision microorganisms alter insect behavior 16:15 - 18:15 [20-5] P.86 Environmental DNA: from insect monitoring to the assessment of ecological interactions 16:15 - 18:15 [10-4] P.88 Advancing experimental manipulation of insect-bacterial associations 16:15 - 18:15 [10-4] P.88 Advancing experimental manipulation of insect-bacterial associations 18:00 - 19:00 Takedown	P.85 parsimony to	16:15 - 18:15 [4-3] From Blum's semiochemicals parsimony to		15:30 [4-3] P.85 m Blum's semiochemicals parsimony to
Takedown 16:15 - 18:15 [10-4] P.88 Advancing experimental manipulation of insect-bacterial associations 16:15 - 18:15 [10-4] P.88 Advancing experimental manipulation of insect-bacterial associations 18:00 - 19:00 Takedown	monitoring to	Environmental DNA: from insect monitoring		onmental DNA: from insect monitoring to
Viewing Takedown	P.88 ation of insect-	16:15 - 18:15 [10-4] Advancing experimental manipulation of inse		[10-3]
Viewing Takedown				
		18:	Viewing	18:00

TIMETABLE, Wednesday 28 August

Vei	nue	7:00 7:30 8:	00 8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00
Main	Hall		8:15 - 9:15 Plenary Led Yupa Hanbo							 		
Roc	mA		; ; ; ; ;				[A-Clo 4 Awards fron nal Congress	n the Counci				
Annex	Hall 1		 	 			[14-1 all armyworm a oduction in As	as a threat to		1		
Annex	Hall 2		 	1		9:45 - 11:45 Latitu	[7-1 udinal Trends i		P.90 logy	1		
Roor	n C-1		1			9:45 - 11:45 Advances	[3-6 s on Plant-Deri Biological	ved Food So	P.91 ources in	1		
Roon	n C-2					9:45 - 11:45 Beh	[20- avioural divers consequ	ity: causes a	P.91 and			
Roo	m D					9:45 - 11:45 Bugs in th	[16-1 ne City: Urban		P.91 nysiology			
Roo	m E			1			[19- biomimetics in ustainable syn	insect's per				
Roo	m F			1								
Roo	m G			1			[11- omophagy: foo economy, and	d and nutrition		I :		
Roo	m H			; ; ; ;		9:45 - 11:45 Sustainable	[11- e biowaste rec production us	ycling and a	P.93 nimal feed	I :		
Roor	n B-1					9:45 - 11:45 Decoding F	[18- Parasitic Lice: Sys Genon	stematics, Evol	P.93 lution, and	1		
Roor	n B-2					9:45 - 11:45 Biodiver	[18- sity and taxon insec	omy of lepid	P.94 opteran			
Roo	om I						[13- ing vectors: The towards vector	e new era of				
Roo	m J					9:45 - 11:45 Neglecte	[13- ed vectors and clima	pests in a cl	P.95 hanging	1		
Roo	m K			1		9:45 - 11:45	[5-7 Urban Arth		P.95			
Roon	n 554			1		9:45 - 11:45	[12- ad hoc s		P.96	1		
Roon	n 555		1	1			[4-4 Interactions of Song Ecological Me	colytinae in Näi				
Roon	n 509					9:45 - 11:45 Insect cuti	[6-2 cles: morphoge function	nesis and phy	P.97 rsiological	1		
Roor	n 510					9:45 - 11:45 Molecula	[10- r Plant-Insect-		P.97 eractions			
	Exhibition		 	9:00 - 1	15:00			Exhibition	on			
Event Hall	Poster	7:15 - 9:15	Set Up		9:15 - 11:45		Viewing			12:40-1 11:45 - 13	Poster Present	Present P.152 n odd numbers n even numbers P.152 tation by Elementary, ligh School Students
	Coffee Break		1 1 1 1	1	9:15 - 9:45 Coffee Break	i						
	quet Swan		1							11:45 - 13		
Ban	quet akura		 	1				1			Lunchr	oom





13	:30 14	:00				:00 16:30	17:00	17:30	18:00	18:30	19:00	19:30 2	0:00	20:30
		14:00 - 19 Wom	5:30 en in Entomolo (Open to Pub	P.89 gy Lecture lic)		16:00 - 17:30 Citizen Progran	n (Open to F	P.89 Public)	1				 	
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13:0	0 - 17:30	Int	ernational Excl	nange Event	t for Japane	ese Elementary ents		P.92						
			and Ju	nior High S	chool Stude	ents								
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				15:00 - 16:00										
	13:30 - 15:00			Take	down				 					
		View	ing											
					15:30 - 16:00 Coffee Break		!							
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TIMETABLE, Thursday 29 August

Venue	e 7:0	00 7:30 8:0			10:00 10:30	11:00 11:30	12:00 12:30	13:00
Main H	Hall		8:15 - 9:15 Plenary Lectur Juan C. Corley					
Room	nA				9:45 - 11:45 [14-12] Bringing it home: Advances international pest Po	s in research on the		
Annex H	lall 1				9:45 - 11:45 [14-14] Control Strategies of Herr	P.99		
Annex H	lall 2				9:45 - 11:45 [14-16] Management of Insect Pes Global Persp	sts with Bt Crops: A		
Room	C-1				9:45 - 11:45 [7-13] Climatic niche dynamics in	P.101 n a changing world		
Room	C-2				9:45 - 11:45 [7-15] ad hoc ses:	P.102 sion		
Room	n D				9:45 - 11:45 [16-12] Insect bioenergetics in cha			
Room	ı E				9:45 - 11:45 [16-14] Vision in Lepidoptera - from ecology	genes to behavioural		
Room	ı F				9:45 - 11:45 [2-3] Genomic and molecular ba of silk production in			
Room	ı G				9:45 - 11:45 [11-6] Insects at the Helm: Driving Foo and Environmental Sustainabilit			
Room	ı H				9:45 - 11:45 [1-2] The 3rd International Works Predatory Mites. Part			
Room	B-1				9:45 - 11:45 [18-7] Innovative technological so the systematics of mega-d	lutions to accelerate		
Room	B-2				9:45 - 11:45 [3-7] Indirect interactions in b program:			
Roon	n I				9:45 - 11:45 [3-9] ad hoc ses	P.111 sion		
Room	ı J				9:45 - 11:45 [13-8] Entomological approache borne zoonotic	s to tackle vector-		
Room	ı K				9:45 - 11:45 [8-5] The genetic resources of do and wild silkmoth in the p		1 7	
Room	554				9:45 - 11:45 [4-5] Chemical ecology and beys scientist			
Room	555				9:45 - 11:45 [6-3] Chromatin and its dyn development and r			
Room	509				9:45 - 11:45 [17-4] Recent advances in the behaviors in hor	study of complex		
Room	510				9:45 - 11:45 [10-6] How do insects evolve to ma microbes			
Ex	chibition			9:00 - 18:00		Exhibition		
Event Hall	oster	7:15 - 9:15	Set Up	9:15 - 11:45	Viewing		11:45 - 13:30 Authors Prese 11:45-12:35 Posters with odd n 12:40-13:30 Posters with even n	umbers
	offee Break			9:15 - 9:45 Coffee Break				
Banquet Swan & S	1 1						11:45 - 13:30 Lunchroom	
The Prince Takarag								





13:30 14:00 14:30 15:00 15:	:30 16:00	16:30 17	:00 17:30 18:	00 18:30 19	:00 19:30 20:	00 20:30
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13:30 - 15:30 [14-13] P.98 Multi-disciplinary innovation for stored-product insect pest management			[14-13] innovation for stored-propest management	P.98 oduct		
13:30 - 15:30 [14-15] P.99 Novel approaches in the management of invasive fruit flies (Diptera: Tephritidae)			[14-15] ches in the management flies (Diptera: Tephritidae		1 1 1 1 1 1	
13:30 - 15:30 [7-12] P.100 Novel approaches to harness the worlds' natural history entomology collections			[7-12] thes to harness the world ry entomology collections			
13:30 - 15:30 [7-14] P.101 The many facets of inordinate fondness: new insights into phytophagous beetle radiations		16:15 - 18:15 The many facets	[7-14] s of inordinate fondness: /tophagous beetle radiati	P.101 new		
13:30 - 15:30 P.102 [7-16] Key Innovations in Insect Evolution		16:15 - 18:15 Key Innova	[7-16] tions in Insect Evolution	P.102		
13:30 - 15:30 P.103 Insect bioenergetics in changing environments			[16-13] pnality of insect fat: Its pond constraints	P.104 ower		
13:30 - 15:30 P.105 [19-2] Insect Insights: Decoding Nature Agile Flyers			[19-3] sing and locomotor abiliti come real-world challeng			
13:30 - 15:30 [2-4] <i>P.106</i> Raw silk production beyond textile: silkworm general rearing conditions and environmental impact of sericulture		16:15 - 18:15	[2-5] es in reproductive biology honeybees	P.106		
13:30 - 15:30 [15-5] P.107 Molecular determinants driving pesticide resistance and selectivity in invertebrates			[15-5] erminants driving pesticid selectivity in invertebrat		; ; ; ;	
13:30 - 15:30 [1-3] P.108 The 3rd International Workshop of IOBC-APRS-Predatory Mites. Part 2. Fundamental biological studies		16:15 - 18:15 The 3rd Internation	[1-4] onal Workshop of IOBC-A tes. Part 3. Fruit orchards	P.109 PRS-		
13:30 - 15:30 P.109 [18-8] ad hoc session		16:15 - 18:15 27th annual SOL	[18-9] A Scarab workers sympo	P.110 sium		
13:30 - 15:30 [3-8] P.111 Recent advances on biological control of invasive insect pests			[3-8] ces on biological control sive insect pests	P.111 of		
13:30 - 15:30 [13-7] P.112 Epidemiology of Japanese Encephalitis in a changing climate			[13-7] If Japanese Encephalitis langing climate	P.112 in a		
13:30 - 15:30 [20-8] P.113 Diversity Beyond Insects: Global Gathering of Entomologists with Shared Knowledge across Disciplines			[20-8] nd Insects: Global Gathering of hared Knowledge across Disc			
13:30 - 15:30 [8-6] R.114 ad hoc session			[8-7] equencing initiatives: Buildir and bridging research disci			
13:30 - 15:30 [20-9] P.115 Diverse approaches to meeting pest management needs			[20-9] roaches to meeting pest nagement needs	P.115		
13:30 - 15:30 [20-10] P.116 Perspectives on Forensic Entomology Research, Casework, and Protocols: Working Toward International Standards			[20-10] nsic Entomology Research, Casking Toward International Stand			
13:30 - 15:30 [17-5] P.117 Genetics & Genomics in Ecology and Evolution of Social Insects			[17-5] mics in Ecology and Evol Social Insects	P.117 ution		
13:30 - 15:30 [10-7] P.118 Harnessing insect vector-plant-pathogen interactions to innovate pest management			[10-7] sect vector-plant-pathogo innovate pest manageme			
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13:30 - 18:00	Viewing			18:00 - 19:00 Takedown		
	15:30 - 16:15 Coffee Break				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
					19:00 - Gala dinn	er

TIMETABLE, Friday 30 August

Ver	nue	7:00	7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00
Main	Hall					P.120 / Lecture 5 nary Sang								
Roo	mA							9:45 - 11:45 Fruit f	[14-1 ly manageme		P.120 ogies			
Annex	Hall 1							9:45 - 11:45	[14-1 ad hoc se		P.121			
Annex	Hall 2					!		9:45 - 11:45	[14-2 ad hoc se		P.122			
Roon	n C-1								[14-2] Technique (SIT oss programs a): promoting				
Roon	n C-2							9:45 - 11:45 Biology	[7-17 and Evolution Symbio	n of Social	P.123 Insect			
Roo	m D							9:45 - 11:45 Dormanc	[16-1 y, Diapause, a Respon	and Allied S	P.124 Seasonal			
Roo	m E								[16-1 neuropeptide biology and p	communic	P.125 cations in			
Roo	m F							9:45 - 11:45 Robotics-ins	[19-4 spired biology of insects an	: Adaptive	P.126 locomotion			
Roo	m G							9:45 - 11:45 Pesticide	[15-6 e exposure an pollinat	d effects fo	P.126 or insect			
Roo	m H								[11-7 ng Insect Poll d Economic Be	- ination to E				
Roon	n B-1							9:45 - 11:45	[18-1] ad hoc se		P.128			
Roon	n B-2							9:45 - 11:45 Biodivers	[18-1] sity and evolut (Hemipt	tion of Hete	P.129 eroptera			
Roc	m I							9:45 - 11:45 Developmen cont	[3-10 nt of new tech rol and IPM in	- nologies fo	P.130 r biological ses.			
Roo	m J								[13-9] g the threat of and their v	arbovirus	P.130 infections			
Roo	m K								[5-8] wns of the cau I patterns of in	uses, conse				
Roon	n 554							9:45 - 11:45 Biology, eco	[12-4 ology, and ma forest ins	nagement (P.132 of invasive			
Roon	n 555							9:45 - 11:45 Hormoi	[6-4] nal Regulation		P.133 pment			
Roon	n 509							in	[17-6 cts and their to physiology a	emporal or	r			
Roon	n 510							9:45 - 11:45	[10-8 ad hoc se		P.134			
	Exhibition					9:00 -				Exhibiti	ion			
Event Hall	Poster		7:15 - 9:15		Set Up		9:15 - 11:45		Viewing			11:45-12:3	Authors Press Posters with exp Posters with exp	dd numbers
	Coffee Break					1	9:15 - 9:45 Coffee Break			1				
Band Hall S	-									1		11:45 - 13:30	Lunchro	om
Band Hall S	-												Lancino	





3:30 14:00 14:30 15:0	0 15:3	30 16:0	00 16:	30 17:	00 17	7:30 18:	:00 1	8:30	19:00	19:30	20:00	20
		15:30 - 16:15	16:15 - 16:30 P:120	16:30 - 17:30	P.120	17:30 - 18:00 P.120			-			
		Coffee Bre		Plenary L Ryohei		Closing Ceremony						
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Fruit fly management technolog	gies											
13:30 - 15:30 [14-19]	P.121											
Visual Sense and Optical Control Mea Integrated Pest Managemen												
13:30 - 15:30 [14-21]	P.122											
A New Era of Pest Management, Approaches from Innovative Met												
13:30 - 15:30 [14-23]	P.123											
Exploring sustainable nematode mana APAC	gement in											
13:30 - 15:30 [7-18]	P.124											
Dispersal polymorphism and polyph insects: diversity in motion	enism in											
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Bee diversity in East and Southeas systematics and status of the fa							! !					
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The viability of entomopathogenic nematode symbionts-derived by-products as biological co							1 1 1 1					
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Mosquito Biology and Genetic Bio	control						 					
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Making sense of global insect biodiversit discovery and monitoring using DNA-base							 				1 1 1	
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Advancing Fruit Fly Biosecurity Research: App Tools in Microbial Ecology, Genomics, and Chen	olying New nical Ecology						 - - -				1 1 1	
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Hormonal Regulation of Develop	ment	!					 				1 1 1	
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East-to-west differentiation among spo populations and its implications for bios	ngy moth urveillance	:					 				1	
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ad hoc session							! ! !				1	
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	5:00 - 17:30	-	Takada								-	
Viewing			Takedown									
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