

PRESENTATION BY	AUTHOR ID	COUNTRY	PRESENTATION TITLE [Click to download abstract pdf]	HALL	TIME	SPEAKER SEQ	ABSTRACT ID
Monday, 24 July, 2023							
SESSIONS: 09:30 - 11:00							
THE ISCE SILVER MEDAL LECTURE 1							
Anne-Genevieve Bagneres	140	France	How very simple molecules can occupy a chemical ecologist's life	JN Tata Auditorium	09:30 - 10:15	1	
PLENARY LECTURE 1							
Silke Allmann	337	Netherlands	From Fragrance to Function: Unraveling Specificity in Green Leaf Volatile Signaling	JN Tata Auditorium	10:15 - 11:00	1	
SESSIONS: 11:15 - 13:00							
SYMPOSIUM 01 (Part 1) - SEMIOCHEMICALS AND THEIR APPLICATION IN INSECT PEST MANAGEMENT							
11:15 - 13:00 Chair: Aijun Zhang							
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Anat Zada Byers (Levi)	86	Israel	An essential oil component as a building block for pheromone synthesis	JN Tata Auditorium		2	5
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Vivek Kempraj	137	United States	Microbiome of fruit flies as a novel source of female attractants for pest management	JN Tata Auditorium		4	65
Aijun Zhang	72	United States	Development of attract-and-kill strategy for management of cocoa pod borer	JN Tata Auditorium		Keynote 5	26
SYMPOSIUM 03 - CHEMICAL DEFENCES IN PLANT-INSECT INTERACTIONS							
11:15 - 13:00 Chair: Jyothilakshmi Vadassery							
Axel Mithofer	123	Germany	Defense in the Neotropical ant-plant <i>Tococa</i> : Working for bed and breakfast:	Hall : A	11:20 - 11:40	1	31
Joe Louis	211	United States	Direct and indirect defenses in sorghum against sap-feeding aphids	Hall : A	12:00 - 12:20	2	119
Jyothilakshmi Vadassery	16	India	Metabolomic basis of differential defense responses in maize genotypes on fall armyworm herbivory	Hall : A	11:40 - 12:00	CHAIR 3	109
Sabine Haenniger	111	Germany	Egg-leaf interactions of two fall armyworm strains	Hall : A	12:20 - 12:40	4	123
Sathyanarayana N	322	India	Herbivory and defence responses across ontogenetic trajectories in <i>Mucuna pruriens</i> (L.) DC.	Hall : A	12:40 - 13:00	5	226
SYMPOSIUM 11 - CHEMICAL ECOLOGY OF VENOMS AND POISONS							
11:15 - 13:00 Chair: Kartik Sunagar							
Timothy Jackson	269	Australia	Venom and the molecular ecology of exochemicals	Hall : B	11:20 - 11:40	1	204
Kartik Sunagar	277	India	To eat or not to eat: the evolution of toad toxin resistance in <i>Serpentes</i>	Hall : B	11:40 - 12:00	CHAIR 2	206
Siddharth Bhatia	279	India	Investigating ontogenic variability in medically important Indian snake venoms	Hall : B	12:00 - 12:20	3	208
Jahnvi Joshi	281	India	Examining venom diversity and its correlates among scolopendrid centipedes	Hall : B	12:20 - 12:40	4	210
Anders Isaksen	367	Norway	Ant venom evolution: insights from the genetically hyperdiverse greenhead ant	Hall : B	12:40 - 13:00	5	223

PRESENTATION BY	AUTHOR ID	COUNTRY	PRESENTATION TITLE [Click to download abstract pdf]	HALL	TIME	SPEAKER SEQ	ABSTRACT ID
SYMPOSIUM 12-CONSEQUENCES OF PLANT DOMESTICATION ON PLANT METABOLITES AND HERBIVORE-NATURAL ENEMY INTERACTIONS							
			11:15 - 13:00	Chair: Betty Benrey			
Pablo Urbaneja Bernat	149	Spain	Domestication effects on the nutritional quality of plant guttation and tri-trophic interactions	Hall : C		1	43
Betty Benrey	154	Switzerland	Consequences of plant domestication for resistance against insect herbivores: Case studies	Hall : C		CHAIR 2	44
Paolo Salazar-Mendoza	187	Brazil	Defensive and nutritional traits shape the resistance of Tuta absoluta to wild and cultivated tomato	Hall : C		3	79
Sanjay Antony-Babu	220	United States	Dysbiosis by domestication: Evidence of microbiome perturbations caused by crop domestication in maize	Hall : C		4	126
Gary Felton	273	United States	Induced plant defenses in cultivated and wild tomato	Hall : C		5	209
Amanuel Tamiru	258	Kenya	Implication of crop domestication on plant-pest interactions	Hall : C		6	189
SESSIONS: 14:00 - 15:30							
SYMPOSIUM 01 (Part 2) - SEMIOCHEMICALS AND THEIR APPLICATION IN INSECT PEST MANAGEMENT							
			14:00 - 15:30	Chair: Aijun Zhang			
Gadi V.P Reddy	262	United States	Pheromone-based trapping method for pea leaf weevil	JN Tata Auditorium	14:05 - 14:25	1	192
Kamala Jayanthi Pagadala Damodaram	165	India	Odour world of the fruit piercing moth, <i>Eudocima materna</i> : A hard puzzle to put together	JN Tata Auditorium	14:25 - 14:45	2	93
Kevin Cloonan	117	United States	Identification of behavior-modifying odors for Mediterranean fruit fly isolated from tea tree oil	JN Tata Auditorium	14:45 - 15:05	3	19
Vijaya Movva	67	United States	Efficacy of natural products as oviposition deterrents for invasive fruit flies	JN Tata Auditorium	15:05 - 15:25	4	84
SYMPOSIUM 05 - BIO-ORGANIC CHEMISTRY: SYNTHESIS, METHODS, AND APPLICATIONS IN CHEMICAL ECOLOGY							
			14:00 - 15:30	Chair: Radhika Venkatesan			
Jonathan Gershenzon	219	Germany	The action of plant glucosinolate toxins and the reaction of insect herbivores: chemical approaches	Hall : A	14:00 - 14:30	Keynote Speaker 1	201
Abith Ramadevan Vattekkatte	265	Germany	Terpene synthases: Metal keys for precursors and furthering biosynthetic diversity	Hall : A	14:30 - 14:50	2	196
Markandeya Gorantla	267	India	Biological production of pheromone precursors in recombinant organisms	Hall : A	14:50 - 15:10	3	198
Radhika Venkatesan	17	India	Exploring the sequence and applications of macrocyclic cysteine-rich plant peptides	Hall : A	15:10 - 15:30	CHAIR 4	114
SYMPOSIUM 06 - CHEMICAL ECOLOGY OF ENDOSYMBIONTS							
			14:00 - 15:30	Chair: Shantanu P. Shukla			
Camila Fiori Pereira	178	Germany	Endosymbionts contribution to the cuticle synthesis of pest beetles.	Hall : B	14:05 - 14:25	1	102
Vartika Mathur	132	India	Endophyte-assisted insect resistance in <i>Brassica juncea</i>	Hall : B	14:25 - 14:45	2	83
Madhusudan Manjunatha	201	India	Emissions from microbial volatile organic compounds (MVOCs) attract female melon flies	Hall : B	14:45 - 15:05	3	161
Patricia Alessandra Sanchez	244	Switzerland	Transmission-enhancing effects of a plant virus depend on endosymbionts of aphid vectors	Hall : B	15:05 - 15:25	4	163
SYMPOSIUM 09-HERBIVORY-INDUCED PLANT VOLATILES IN CROP PROTECTION							
			14:00 - 15:30	Chair: Carla Arce			
Kathrin Altermatt	147	Switzerland	Attraction of a parasitoid to volatiles of Zambian maize accessions attacked by the fall armyworm	Hall : C	14:05 - 14:25	1	103
Mary Clancy	232	Switzerland	Chemotypic variation in wild cotton populations (<i>Gossypium hirsutum</i>) from the Yucatán Peninsula	Hall : C	14:25 - 14:45	2	147
Jayanthi Mala	227	India	Hostplant and conspecific body odour cues elicit behavioural responses in ash weevils	Hall : C	14:45 - 15:05	3	154
Carla Marques Arce	66	Switzerland	Odor sensors to detect and identify agricultural pests for crop protection	Hall : C	15:05 - 15:25	4	211

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			SESSIONS: 16:45 - 18:00				
			SYMPOSIUM 04 (Part 1) - NEMATODE CHEMICAL ECOLOGY IN AGROECOSYSTEMS				
			16:45 - 18:00 Chair: Baldwyn Torto				
Jared Ali	106	United States	Playing with plant and pest parasites: Getting to the root of nematode chemical interactions	JN Tata Auditorium	16:50 - 17:20	Keynote Speaker 1	177
Patrick Fallet (by T.Turlings)	161	Switzerland	Using a gel-based formulation of entomopathogenic nematodes to control the fall armyworm in Africa	JN Tata Auditorium	17:20 - 17:40	2	54
Rasa Cepulyte	204	Lithuania	1-Nonene as a putative apneumone in EPN <i>Steinernema feltiae</i> and larval cadaver interaction	JN Tata Auditorium	17:40 - 18:00	3	107
			SYMPOSIUM 15 (Part 1) - CHEMICAL COMMUNICATION				
			16:45 - 18:00 Chair: Jeremy McNeil				
Victoria Carla Moris	202	United Kingdom	Impacts of ocean acidification on chemical communications in the marine worm <i>Platynereis dumerilii</i>	Hall : A	16:50 - 17:10	1	112
Gabriela Caballero Vidal	126	France	Deciphering chemical communication in the diving beetle <i>Rhantus suturalis</i>	Hall : A	17:10 - 17:30	2	28
Andreas Fischer	108	Canada	Use of non-targeted metabolomics to detect trace pheromone components – a spider case study	Hall : A	17:30 - 17:50	3	12
			SYMPOSIUM 07 - MULTIDISCIPLINARY APPROACH TO PEST MANAGEMENT				
			16:45 - 18:00 Chair: Amit Roy				
Anjélica Leconte	73	France	In search of an attractive kairomone for biological control by mass trapping of <i>Eurytoma amygdal</i>	Hall : B	16:50 - 17:10	1	2
Akanksha Singh	249	Switzerland	Pearl body associated multitrophic interactions and their application for pest control	Hall : B	17:10 - 17:30	2	170
Amit Roy	316	Czech Republic	Molecule to management: feasibility of RNAi against <i>Ips typographus</i> (Coleoptera: Scolytinae)	Hall : B	17:30 - 17:50	3	225

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Tuesday, 25 July, 2023							
SESSIONS: 09:30 - 11:00							
ISCE SILVERSTEIN-SIMEONE AWARD LECTURE							
Florian Schiestl (recorded video)		Switzerland	Floral fragrance for pollinators and beyond	JN Tata Auditorium	09:30 - 10:15	1	
PLENARY LECTURE 2							
Athula Atygalle	319	United States	Mass spectrometry an indispensable technique for chemical ecological explorations	JN Tata Auditorium	10:15 - 11:00	1	
SESSIONS: 11:15 - 13:00							
SYMPOSIUM 17 - CHEMICAL ECOLOGY AND PEST CONTROL							
11:15 - 13:00 Chair: Dineshkumar Kandasamy							
Anish Kundu	146	India	Linolenic acid in oral secretion of <i>Spodoptera litura</i> induces defense responses in <i>Arabidopsis</i>	JN Tata Auditorium	11:20 - 11:40	1	40
Emmanuelle Jacquin-Joly	195	France	The red palm weevil chemical ecology in the OMICS and post-genomic eras	JN Tata Auditorium	11:40 - 12:00	2	152
Nalini Thiyagarajan	212	India	Characterization of volatile compounds of <i>Oecophylla smaragdina</i> Fabricius (Hymenoptera: Formicidae)	JN Tata Auditorium	12:00 - 12:20	3	145
Paramita Bera	159	India	Silencing of target genes via ingestion of dsRNA affects development and survival of fall armyworm	JN Tata Auditorium	12:20 - 12:40	4	51
Subhash S	129	India	Estragole, a potential attractant of the winged melon aphid, <i>Aphis gossypii</i>	JN Tata Auditorium	12:20 - 12:40	5	29
SYMPOSIUM 14 (Part 1) - CHEMICAL ECOLOGY IN AGRICULTURE							
11:15 - 13:00 Chair: Mary Clancy							
Kempsy Ledger	224	Australia	Fruit spotting bug (<i>Amblypelta nitida</i>), on the search for a lure	Hall : A	11:20 - 11:40	1	133
Bruna Czarnobai De Jorge	145	Germany	Investigating metabolites from host plants of <i>Halyomorpha halys</i> for a novel push-pull kill strategy	Hall : A	11:40 - 12:00	2	42
Kayleigh C. Hauri	169	United States	Glycoalkaloid-phytohormone interactions mediate plant response to above- and belowground herbivores	Hall : A	12:00 - 12:20	3	64
Sujay Manoj Paranjape	138	United States	Cover crop legacy influences predator preferences via prey quality more so than volatile signaling	Hall : A	12:20 - 12:40	4	127
Nisansala Perera	193	Australia	Responses of the dung beetles <i>Bubas bison</i>, <i>Onitis ayqulus</i>, and <i>Geotrupes spiniger</i> to dung volatiles	Hall : A	12:40 - 13:00	5	129
SYMPOSIUM 16 (Part 1) - INSECT CHEMICAL ECOLOGY							
11:15 - 13:00 Chair: Vartika Mathur							
Aditi Mishra	142	India	Robust search templates that mitigate uncertain worlds.	Hall : B	11:20 - 11:40	1	36
Osnat Malka	158	Israel	Horizontal gene transfer (HGT) contributes to the evolution of <i>Bemisia tabaci</i>	Hall : B	11:40 - 12:00	2	50
Gauri Gharpure	170	India	Sensory ecology of Himalayan pollinators in the context of environmental change	Hall : B	12:00 - 12:20	3	71
Subhash Rajpurohit	98	India	Finding parallels: latitudinal and altitudinal differences in cuticular hydrocarbons	Hall : B	12:20 - 12:40	4	87
Grit Kunert	197	Germany	The role of toxic quinolizidine alkaloids from <i>Genista</i> plants (Fabaceae) in aphid-plant interactions	Hall : B	12:40 - 13:00	5	99
SYMPOSIUM 08 - EVOLUTION AND MECHANISMS OF SOCIAL SIGNALLING IN SOCIAL INSECTS							
11:15 - 13:00 Chair: Etya Amsalem							
Abraham Hefetz	181	Israel	Seven decades of ant chemical ecology – retrospect and prospects	Hall : C	11:20 - 11:40	1	75
Etya Amsalem	188	United States	Brood signals in bumble bees and how they shape sociality	Hall : C	11:40 - 12:00	2	80
Ashwin Suryanarayanan	173	India	Task-specific cuticular hydrocarbon profiles in workers is an ancestral trait of honey bee species	Hall : C	12:00 - 12:20	3	117

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Nathan Derstine	250	United States	Biosynthesis of Dufour's gland signals in <i>Bombus impatiens</i> – insights from RNAseq and proteomics	Hall : C	12:20 - 12:40	4	172
Stanislav Machacek	264	Czech Republic	Origin of linoleic acid biosynthesis in Blattodea	Hall : C	12:40 - 13:00	5	195
SESSIONS: 14:00 - 15:30							
SYMPOSIUM 02 (Part 1) - CHEMICAL ECOLOGY OF TEPHRITID FRUIT FLIES							
14:00 - 15:30 Chair: Alvin Kah Wei Hee							
Vivek Kempraj	137	United States	Application time of kairomone traps is crucial in reducing fruit fly infestation in mango orchards	JN Tata Auditorium	14:05 - 14:25	1	33
Kamala Jayanthi Pagadala Damodaram	165	India	Endosymbionts: A hidden dimension in tephritid–plant interactions	JN Tata Auditorium	14:25 - 14:45	2	56
Alvin Kah Wei Hee	167	Malaysia	Attraction of non-methyl eugenol-attracted males of the Oriental fruit fly to beta-caryophyllene	JN Tata Auditorium	14:45 - 15:05	CHAIR 3	59
R Andrew Hayes	164	Australia	Interactions between Jarvis's fruit fly (<i>Bactrocera jarvisi</i>) and the orchid <i>Bulbophyllum baileyi</i>	JN Tata Auditorium	15:05 - 15:25	4	67
SYMPOSIUM 01 (Part 3) - SEMIOCHEMICALS AND THEIR APPLICATION IN INSECT PEST MANAGEMENT							
14:00 - 15:30 Chair: Aijun Zhang							
Cesar Rodriguez-Saona	141	United States	Behavioral response of the invasive spotted-wing <i>Drosophila</i> to anthracnose-infected fruit volatiles	Hall : A	14:05 - 14:25	1	35
Dong Cha	172	United States	Development of female attractant for <i>Bactrocera dorsalis</i>	Hall : A	14:25 – 14:45	2	97
Markandeya Gorantla	267	India	Semiochemicals and their application in insect pest management	Hall : A	14:45 - 15:05	3	197
Dangsheng Liang	261	United States	Semiochemical-based toxic baits for controlling snails and slugs	Hall : A	15:05 - 15:25	4	191
SYMPOSIUM 10 - CHEMICAL AND MOLECULAR ECOLOGY OF PLANT-HERBIVORE-NATURAL ENEMY INTERACTIONS							
14:00 - 15:30 Chair: Ricardo A. R. Machado							
Paul Himmighofen	177	Switzerland	Predator sensing by plants: Consequences for tri-trophic interactions	Hall : B	14:05 - 14:25	1	74
Vincas Buda	185	Lithuania	Perception of host plant VOCs by two races of cherry fruit flies <i>Rhagoletis cerasi</i>	Hall : B	14:25 - 14:45	2	77
Ricardo Machado	65	Switzerland	Bioluminescence as a regulator of multitrophic interactions in below ground ecosystems	Hall : B	14:45 - 15:05	3	94
Sara Hermann	254	United States	The smell of trouble: Exploiting the ecology of fear for plant protection	Hall : B	15:05 - 15:25	4	179
SESSIONS: 16:45 - 17:55							
SYMPOSIUM 04 (Part 2) - NEMATODE CHEMICAL ECOLOGY IN AGROECOSYSTEMS							
16:45 - 17:55 Chair: Jessil Ann Pajar							
Olivia Trase	213	United States	Cover crop legacy influences belowground natural enemy preference toward herbivore-infested roots	JN Tata Auditorium	16:50 - 17:10	1	120
Jessil Ann Pajar	238	Germany	Vitamin C-mediated interactions between nematodes and aphids	JN Tata Auditorium	17:10 - 17:30	CHAIR 2	153
Axel Julian Touw	248	Germany	Riddles in the dark: root-knot nematodes facilitate performance of the root-herbivore <i>Delia radicum</i>	JN Tata Auditorium	17:30 - 17:50	3	169
SYMPOSIUM 15 (Part 2) - CHEMICAL COMMUNICATION							
16:45 - 17:55 Chair: Shannon Olsson							
Kesavan Subaharan	62	India	Controlled release matrix for delivery of pheromone of tomato pinworm, <i>Tuta absoluta</i>	Hall : A	16:45 - 17:05	1	98
Binu Antony	203	Saudi Arabia	Red palm weevil odorant receptor detects palm tree emitted volatile esters and mediates host selection	Hall : A	17:05 - 17:25	2	105
Gauri Binayak	207	India	Odor imaging reveals congeneric herbivores' differential olfactory perceptions of congeneric hosts	Hall : A	17:25 - 17:45	3	155
Varsha Singh	402	India	Olfaction at the interface of host-microbe interactions	Hall : A	17:45 - 18:05	4	

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			SYMPOSIUM 13 - MUTUALISM AND MUTLITROPHIC INTERACTION				
			16:45 - 17:55 Chair: Kamala Jayanthi P. Damodaram				
Amrita Chakraborty	317	Czech Republic	Yeast and fruitfly mutualism	Hall : B	16:50 - 17:10	1	224
Sushma Krishnan	208	India	Sensing volatiles throughout the body: Geographic and tissue-specific olfactory receptor expression	Hall : B	17:10 - 17:30	2	111
Kokou Rodrigue Fiaboe	157	Kenya	Can intraguild interactions on tomato influence responses of the ectoparasitoid <i>Bracon nigricans</i> ?	Hall : B	17:30 - 17:50	3	49

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Wednesday, 26 July, 2023							
SESSIONS: 09:30 - 11:00							
DAAKS-CHEMICALS MEMORIAL LECTURE							
Ted Turlings	75	Switzerland	What I learned from Jim Tumlinson when I was his PhD student... and beyond	JN Tata Auditorium	09:30 - 10:15	1	
PLENARY LECTURE 3							
Baldwyn Torto	217	Kenya	Nature-based crop protection solutions for below and above-ground plant pests	JN Tata Auditorium	10:15 - 11:00	1	
SESSIONS: 11:20 - 12:50							
SYMPOSIUM 02 (Part 2) - CHEMICAL ECOLOGY OF TEPHRITID FRUIT FLIES							
11:20 - 12:50 Chair: Alvin Kah Wei Hee							
Suk-Ling WEE	186	Malaysia	Bactrocera dorsalis management by semiochemicals for simultaneous application of SIT and MAT	JN Tata Auditorium	11:25 - 11:45	1	78
Vivian Mendez	192	Australia	Cuticular chemistry of Queensland fruit fly: footprints and their role in chemical communication	JN Tata Auditorium	11:45 - 12:05	2	86
Stefano De Faveri	225	Australia	Electrophysiological responses of two Australian fruit fly species to protein bait lure compounds	JN Tata Auditorium	12:05 - 12:25	3	134
Hinal Kharva	270	India	Neuromodulation and host shifts in the tephritid fruit fly <i>Rhagoletis pomonella</i>	JN Tata Auditorium	12:25 - 12:45	4	199
SYMPOSIUM 14 (Part 2) - CHEMICAL ECOLOGY IN AGRICULTURE							
11:20 - 12:50 Chair: Mary Clancy							
Manish Kumar	121	India	Novel biopesticide discovery using non-targeted metabolomics and RNAi for lepidopteran pest control	Hall : A	11:25 - 11:45	1	30
Vinod Kumar Prajapati	236	India	Spodoptera litura secretes cysteine proteinase and metalloproteinase inhibitors that modulate host immunity	Hall : A	11:45 - 12:05	2	150
Suby SB	241	India	Chemical ecology of ear-feeding insect pests of maize	Hall : A	12:05 - 12:25	3	156
Swayamjit Ray	259	United States	Cover crop legacy of soil affects maize resistance to insects and fungal pathogens asymmetrically	Hall : A	12:25 - 12:45	4	188
SYMPOSIUM 16 (Part 2) - INSECT CHEMICAL ECOLOGY							
11:20 - 12:50 Chair: Cesar Rodriguez-Saona							
Jaya Narah	239	India	Variation in CHC profiles with elevation in <i>Bombus haemorrhoidalis</i> in the eastern Himalayas	Hall : B	11:25 - 11:45	1	166
Jan Buellesbach	252	Germany	Decoding the genetic and chemical basis of universal information carriers in insect communication	Hall : B	11:45 - 12:05	2	175
Jeremy McNeil	257	Canada	The impact of heat shock during pupal development on pheromone-mediated mating in <i>Mythimna unipuncta</i>	Hall : B	12:05 - 12:25	3	184
Shinnosuke Mori	153	Japan	p-Coumaroyl anthocyanins reduce petal visibility to bees in the bird-pollinated <i>Camellia japonica</i>	Hall : B	12:25 - 12:45	4	46
SYMPOSIUM 18 - INTRA-AND-INTERSPECIFIC CHEMICAL COMMUNICATION OF BARK BEETLES AS FOREST PEST IN GLOBAL CHANGE							
11:20 - 12:50 Chair: Anna Jirošová							
Anna Jirosova	63	Czech Republic	Ophiostomatoid fungi synergise attraction of <i>Ips typographus</i> to its aggregation pheromone in the field	Hall : C	11:25 - 11:45	1	58
Jonathan Gershenson	219	Germany	Finding friends in the forest: Volatiles of bark beetle fungi help maintain symbiosis with beetles	Hall : C	11:45 - 12:05	2	125
Dineshkumar Kandasamy	230	Sweden	Chemistry of symbiosis: Volatiles mediate interactions between conifer bark beetles and their fungal associates	Hall : C	12:05 - 12:25	3	164
Rajarajan Ramakrishnan	136	Czech Republic	Functional characterization of a gene from gut tissue of the bark beetle, <i>Ips typographus</i>	Hall : C	12:25 - 12:45	4	32

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			Thursday, 27 July, 2023				
			SESSIONS: 09:00 - 10:30				
			EARLY CAREER AWARD LECTURE				
William (Rob) Morrison	361	United States	Developing semiochemical-mediated, behaviorally-based management programs for pests in tree fruit and stored products	JN Tata Auditorium	09:00 - 09:45	1	
			PLENARY LECTURE 4				
Zainulabeuddin (Zain) Syed	365	United States	Olfaction in Blood-feeding Arthropods: Evolutionary and Functional Insights	JN Tata Auditorium	09:45 - 10:30	1	
			SESSIONS: 10:45 - 12:15				
			APPLIED CHEMICAL ECOLOGY AWARD LECTURE				
Ashraf El-Sayed	144	New Zealand	Reflections on the Pherobase	JN Tata Auditorium	10:45 - 11:30	1	
			THE ISCE SILVER MEDAL LECTURE 2				
Wilhelm Boland	91	Germany	Metal matters! Co²⁺ and Mg²⁺ ions control chain length of prenyl diphosphates in insects	JN Tata Auditorium	11:30 - 12:15	1	