

Day 1 - Wednesday, August 5th, 2026

07:30 am - 05:00 pm **Registration**

09:00 am - 10:30 am **AMV 2026 Opening Ceremony**

10:30 am - 10:40 am **Coffee Break**

10:40 am - 11:20 am **Plenary Lecture**

Dr. Florence Fouque - "The Global Policy on Vector Control"

11:20 am - 11:40 am **Gold Sponsor Talk 1**

Dr. Sebastian Horstmann - "Insecticide Resistance: Evolution, Mechanisms and Industry Responses"

11:40 am - 12:00 pm **Gold Sponsor Talk 2**

Dr. How Yee Fatt - "Sustainable Mosquito Control: Balancing Public Health, Environmental Responsibility, and Operational Efficiency"

12:00 pm - 01:30 pm **Lunch Break**



Day 1 - Wednesday, August 5th, 2026

1 st Session	Room: Space 1 Symposium 1	Room: Space 2 Symposium 2	Room: Space 3 Symposium 3	Room: Space 4 Symposium 4	Room: Space 5 Symposium 5
	Leveraging Big Data, Predictive Modeling, and AI-driven Approaches to Enhance Disease Monitoring, Risk Mapping, and Early Detection Chair: Neil Lobo	Insecticide Resistance in <i>Aedes aegypti</i> and <i>Ae. albopictus</i>: Molecular Insights and Operational Responses Chair: Kok-Boon Neoh	Innovative Frontiers in Vector Biology and Integrated Disease Surveillance Across Africa and Asia Chair: Mallika Imwong	Molecular Xenosurveillance to Guide Control and Elimination Programmes of Vector-borne Diseases Chair: Stephan Karl	Vector Control Innovation and Insecticide Resistance (Thai Session) Chair: Darin Areechokchai
01:30 pm - 01:45 pm	L. Sedda Smart surveillance for autochthonous and invasive mosquitoes: adaptive frameworks	I. H. Ishak Emerging trends and genetic signatures of insecticide resistance in <i>Aedes</i> mosquitoes of Malaysia	L. von Seidlein The Star Homes Project (Tanzania): exploring how improved housing design reduces mosquito exposure and improves family health	K. Krishnamoorthy Molecular xenomonitoring: a signal-based response tool in post-validation surveillance of lymphatic filariasis elimination	S. Heangsukh Pichit Model: an innovative decentralized maintenance service for chemical spraying equipment to enhance dengue fever control efficiency
01:45 pm - 02:00 pm	M. R. Torroella Implementing VectorCam at national scale: evidence from Uganda's national malaria program adoption of AI-based mosquito identification	A. Pongsiri Phenotypic and genotypic insights into insecticide resistance in <i>Aedes</i> mosquitoes, Thailand (2021-2025)	K. Kobylinski How endectocides can impact vector-borne disease transmission	N. Pilotte Evaluating crude extraction procedures and reagent stability for the xenosurveillance of lymphatic filariasis	W. Ritthison Optimizing vector control strategies: PBO and DEF synergist efficacy against deltamethrin-resistant <i>Aedes aegypti</i> in Thailand
02:00 pm - 02:15 pm	M. Umeda Field implementation of AI-powered vector surveillance: practical implications for scalable and cost-effective larval source management	H. H. Ardinie Warming climates and rising resistance: temperature influences on insecticide efficacy in dengue vectors	T. Peto Scrub typhus risk and prevention in northern Thailand: a seroprevalence study	B. Johnson Towards complete molecular xenomonitoring: integrating pathogen, vector, and host surveillance	K. Thammathorn The experimental application of ovitraps for assessing density indices of <i>Aedes</i> mosquito vectors
02:15 pm - 02:30 pm	M. Opiyo Optimizing vector control: a framework for tool selection based on subnational needs	S. Han Integrated phenotypic, molecular and transcriptomic surveillance of insecticide resistance in field <i>Aedes albopictus</i> from Hong Kong	K. Kulkeaw The organoid platform in malaria research: a promising avenue for translational insights	B. McPherson Comparing human and vector-based indicators of lymphatic filariasis transmission in Samoa: results from 2023–2024	D. Pintong Insect repellent user acceptability study: insights from field-deployed personnel in Tak Province, Thailand
02:30 pm - 02:45 pm	A.P. Perez-Aguirre VectorInsight: supporting local entomological decisions in vector control surveillance with AI-powered dashboards	K. B. Neoh Behavioral response of <i>Aedes</i> mosquitoes to insecticide-treated surface and its implications	P. Kobpornchai Fluorescent markers of artemisinin-induced growth arrest as indicators of emerging drug resistance in <i>Plasmodium falciparum</i>	S. Karl Molecular xenomonitoring reveals ongoing circulation of Japanese encephalitis virus in Papua New Guinea	P. Khongtak Insecticide susceptibility patterns of <i>Aedes aegypti</i> and <i>Aedes albopictus</i> across Thailand
02:45 pm - 03:00 pm	Discussion Panel	Discussion Panel	Discussion Panel	Discussion Panel	Discussion Panel
03:00 pm - 03:30 pm	Coffee Break				

Day 1 - Wednesday, August 5th, 2026

2 nd Session	Room: Space 1 Symposium 6	Room: Space 2 Symposium 7	Room: Space 3 Symposium 8	Room: Space 4 Symposium 9	Room: Space 5 Symposium 10
	Advancing Insecticide Resistance Detection and Control Efficacy in the Field Chair: Laura Harrington	Navigating the Entomological Bridge: The Critical Role of Mosquito Vectors for Zoonotic Spillover and Spillback Chair: Hans J. Overgaard	Machine Learning, Environment, and Vector-Borne Disease Chair: Kimberly Fornace	Strengthening Vector Surveillance and Control in Pacific Island Countries Chair: Edgar Pollard Michelle Kutusele	Community Engagement, Health Promotion, and Local Government Action (Thai Session) Chair: Prayuth Sudathip
03:30 pm - 03:45 pm	A. Lehane The U.S. National Insecticide Resistance Working Group: overview and development of best-practice guidance for field cage trials	H. J. Overgaard Introduction: Role of mosquito vectors in zoonotic spillover and spillback	T. Singhal Mathematical modelling of malaria in low-transmission settings to support elimination strategies	E. Pollard Challenges and opportunities for vector control in the Pacific and the importance capacity building and networking	S. Wongsripaisan Following THPH Mission Transfer: a comparative study between mountainous province (Nan) and tourist city province (Phuket), fiscal year 2026
03:45 pm - 04:00 pm	L. Harrington Developing a regional IR surveillance program	R. M. Vargas Thailand mosquito virome: a snapshot from mosquitoes breeding in zoological parks	K. Fornace Leveraging AI and Earth Observation data for vector-borne disease surveillance	T. V. Kuruduadua Mosquito surveillance and control and the mosquito control strategy in Fiji	P. Yotsombat Coverage of surveillance, screening, and case finding for lymphatic filariasis in former endemic areas of Tak Province
04:00 pm - 04:15 pm	E. Norris Improving bottle bioassay analysis for IR testing via Survival-Curve Analysis	R. Brown Mosquito arboviral vectors at zoonotic interfaces in border provinces of Thailand	C. Teillet Integrating landscape metrics and multi-source entomological data for mosquito distribution modeling in mainland Southeast Asia	L. T. Mahe Dengue outbreak activities in Tonga in 2025	O. Prungchaiyaphum Vector control by local administrative organizations after the transfer of sub-district health promoting hospitals: a qualitative comparative study in Chaiyaphum, Nakhon Ratchasima, and Chiang Rai
04:15 pm - 04:30 pm	M. Donnelly Targeted genomic surveillance of insecticide resistance in African malaria vectors	J. B. Keven Quantifying arbovirus transmission intensity and spillover potential in non-human primates by molecular analysis of mosquito blood meals	S. Q. Ong Mosquito-borne diseases in North Borneo Sabah Malaysia: development of a machine learning pipeline to support vector detection and risk factor assessment	T. Knox PacMOSSI: supporting Pacific Island Countries with emerging needs	P. Sirinawapreda Collaborative approaches between public health authorities and local governments for malaria re-establishment prevention
04:30 pm - 04:45 pm	Z. Gao Decoding mosquito aging and physiological status using surface-enhanced Raman spectroscopy and artificial neural networks	N. Dankittipong A mechanistic model linking landscape and climate change to <i>Anopheles</i> mosquito infection risk	M. Macdonald Opportunities for A.I. in vector surveillance and control	S. Karl Reflections on new options for enhanced vector control in the Pacific	N. Wilaiwan The effectiveness of health literacy development program on <i>Aedes</i> mosquito – borne disease preventive behavior of the people in the area benefiting from Pho Prathap Chang floodgate project, Phichit Province
04:45 pm - 05:00 pm	Discussion Panel	Discussion Panel	Discussion Panel	Discussion Panel	Discussion Panel
06:00 pm - 09:35 pm	AMV 2026 Welcome Gala				

Day 2 - Thursday, August 6th, 2026

07:30 am - 05:00 pm **Registration**

08:45 am - 09:15 am **Keynote Speaker 1**

Prof. Hyung Wook Kwon - "AI-Powered Mosquito Surveillance: Transforming Vector Control for Global Health"

09:15 am - 09:45 am **Keynote Speaker 2**

Prof. Anavaj Sakuntabhai - "Dengue–Zika Immunological Interplay and the Quest for a Dual Vaccine"

09:45 pm - 10:30 pm **Coffee Break**



Day 2 - Thursday, August 6th, 2026

1 st Session	Room: Space 1 Symposium 11	Room: Space 2 Symposium 12	Room: Space 3 Symposium 13	Room: Space 4 Symposium 14	Room: Space 5 Symposium 15
	Spatial Emanators and Malaria Chair: Neil Lobo	New Frontiers in the Insecticide-based Fight Against Dengue Mosquitoes Chair: Shinji Kasai Jintana Yanola	Epidemiology, Surveillance, Early-Warning Systems & AI in Vector Control Chair: Marianne Sinka	Innovation in Vector Control: Opportunities and Challenges Chair: Florence Fouque Sylvie Manguin	Vector Surveillance, Diagnostics, and Molecular Tools (Thai Session) Chair: Rungniran Suk-aram Adun Chayyaphong
10:30 am - 10:45 am	S. Moore An overview of the spatial emanator product testing pipeline	W. Nachaiwieng Effectiveness of commercial household insecticides against pyrethroid-resistant mosquito vectors in Thailand	T. Fieldsend Geospatial modelling of the spread of genetic mechanisms of insecticide resistance in Anopheles malaria vector populations	S. Manguin A systematic review of the efficacy of alternative mosquito control techniques (SIT, IIT, <i>Wolbachia</i>-based replacement) to reduce <i>Aedes</i> populations and arbovirus transmission	P. Siriwasatien Leishmaniasis in Thailand: progress in vector incrimination research
10:45 am - 11:00 am	J. K. Swai Efficacy of the spatial repellent SC Johnson Mosquito Shield™ against Anophelines in free-flight chambers, semi-field systems, experimental huts, and in-home tests	L. Violante Characterization of pyrethroid resistance in Italian arbovirus-vector <i>Aedes albopictus</i>: from phenotypes to mechanisms	N. Golding A new spatial modelling framework for mapping the effectiveness of vector control	G. Müller Attractive target sugar bait for control of biting flies: past, present, and future	T. Gumseeda Entomological surveillance: a case study of the first confirmed Japanese encephalitis case in 5 years, Phanat Nikhom District, Chon Buri Province
11:00 am - 11:15 am	N. Lobo Evidence on spatial emanators for outdoor malaria transmission	K. Bashar Assessment of insecticide resistance and voltage-gated sodium channel gene mutations in <i>Aedes aegypti</i> mosquitoes in Bangladesh	Y. Li AI-powered acoustic sensing for large-scale monitoring of insects	C. Indriani Scaling <i>Wolbachia</i> for dengue control in Indonesia: lessons from five cities pilot implementation	R. Sug-aram Development of universal primers for polymerase chain reaction (PCR) and sequencing to identify mosquitoes in the <i>Anopheles minimus</i> complex
11:15 am - 11:30 am	J. Stevenson Epidemiological evidence to support rollout of spatial emanators	J. Yanola Overexpression of cytochrome P450 genes and its link to <i>kdr</i> mutations in deltamethrin resistant <i>Culex quinquefasciatus</i>	G. Ryan Better maps of malaria vectors by integrating models, data types, and taxonomy	J. Virginio Sterile insect technique (SIT) for <i>Aedes aegypti</i> control in indigenous territories and environmentally protected areas (Fernando de Noronha Island) in Brazil	J. Jina Post-elimination surveillance of filarial parasites in mosquito vectors using real-time PCR-HRM in Thailand, 2023–2026
11:30 am - 11:45 am	E. Vajda When and where malaria mosquito bites happen: using human behavior observations to quantify gaps in protection in an implementation trial	S. Kasai Functional analysis of specific amino acid substitutions of <i>VGSC</i> in <i>Aedes aegypti</i>: which mutations create super pyrethroid-resistant mosquitoes?	A. Bertozzi-Villa Insecticide-treated net effectiveness and impact: insights and applications from a continent-wide data synthesis study	G. Dimopoulos Microbial biopesticides for mosquito vector control	P. Boon-in Genetic characterization of chikungunya virus in clinical and entomological samples during the 2025 outbreak in Bueng Kan, Thailand
11:45 am - 12:00 pm	N. Chitnis Modelling the effectiveness of spatial emanators as part of an extended vector control toolbox	Discussion Panel	M. Sinka Data-driven tools for vector surveillance and control – examples from the Vector Atlas	Discussion Panel	R. Takhampunya Tick-borne infections in Thailand: rising public health concerns
12:00 pm - 01:00 pm	Lunch Break				
01:00 pm - 03:00 pm	Poster Session & Networking				

Day 2 - Thursday, August 6th, 2026

2 nd Session	Room: Space 1 Symposium 16	Room: Space 2 Symposium 17	Room: Space 3 Symposium 18	Room: Space 4 Symposium 19	Room: Space 5 Symposium 20
	Maximising a New Vector Control Paradigm: Spatial Emanators from AI Development to Market Chair: Jason Richardson	Innovative Strategies for Mosquito Population Suppression: Wolbachia, Sterile Insect Techniques, and Beyond Chair: Catalina Alfonso-Parra	Zoonotic Malaria: Crossing Species, Crossing Borders Chair: Indra Vythilingam	Insecticide Resistance and Resistance Mechanisms in Indoor Public Health Pests Chair: Chow-Yang Lee	Integrated Approaches for Malaria Vector Surveillance and Research Operations (Thai Session) Chair: Siriporn Yongchaitrakul
03:00 pm - 03:15 pm	F. Yeomans Enabling the adoption of multi-active ingredient SEs in the Indo-Pacific and Africa	C. Alfonso-Parra Targeting reproductive processes for <i>Aedes aegypti</i> control	I. Vythilingam History and overview of zoonotic malaria	C. Y. Lee Overview of insecticide resistance in German cockroaches and bed bugs in Asia	P. Yodkome Survey on the species diversity of Anopheles vectors and Anopheles larvae in the high risk area of malaria at Ban MaeHit Kee, Tha Song Yang District, Tak Province
03:15 pm - 03:30 pm	M. Katusele Investigating the efficacy of spatial emanators to reduce human-mosquito contact in Papua New Guinea	E. Kakani Debug: Successes and lessons learned from the release of more than one billion mosquitoes	I. N. Lubis Simian malaria in Southeast Asia: a growing threat to malaria elimination efforts	K. B. Neoh Insecticide resistance and its underlying mechanisms in German cockroach populations in Taiwan	N. Pangthongthung Relationship between malaria incidence and primary vector abundance in Ban Loe Kru Grotha, Tha Song Yang District, Tak Province
03:30 pm - 03:45 pm	N. F. A. Kassim Spatial emanators for dengue control in Penang, Malaysia: a laboratory to community evidence framework	N. Grisales Entomological lessons and operational challenges from World Mosquito Program <i>Wolbachia</i> deployments	U. Arunyawat Prevalence of simian malaria parasites in wild monkeys of Thailand	O. Komagata Target-site mutations conferring pyrethroid, carbamate and organophosphate resistance in Japanese bed bugs	J. Baikodem Proactive mobile malaria post: containment of malaria in conservation areas of Thailand
03:45 pm - 04:00 pm	A. Che Mendoza Community engagement as a catalyst for rapid deployment of spatial emanators for <i>Aedes aegypti</i> control	J. Liew Project <i>Wolbachia</i> Singapore: implementation of the <i>Wolbachia</i> suppression approach	N.K. Jeyaprakasam Entomological insights into the transmission dynamics of zoonotic malaria in Peninsular Malaysia	J. H. Kim Current status of insecticide resistance in two bed bug species and five cockroach species, and its underlying mechanisms in Korea	A. misedtee Nong Kon Plong 2.3 (Mae Sot): a real-time <i>P. falciparum</i> (Pf) malaria alert and epidemiological analysis innovation
04:00 pm - 04:15 pm	I. Chen Sustaining the effectiveness of spatial emanators: screening for new volatile active ingredients	A. Drexler Advancing arboviral disease prevention through innovation, evidence, and collaboration	Y. L. Lau Molecular diagnostic tools for simian malaria: advancing detection of an emerging zoonotic threat	G. V. Singham Symbiont-mediated resistance in bed bugs	S. Phasomkusolsil Best practices in vector insectary biosafety: colony maintenance, containment, blood handling, and quality control for laboratory and field research
04:15 pm - 04:30 pm	Discussion Panel	Discussion Panel	K. Kobylinski Potential of endectocides for primate malaria control	Discussion Panel	C. Sukkanon Effects of <i>Plasmodium</i> metabolite HMBPP on feeding behavior in Thai malaria vectors for trap development
04:30 pm - 04:45 pm	Coffee Break				

Day 2 - Thursday, August 6th, 2026

3 rd Session	Room: Space 1 Symposium 21	Room: Space 2 Symposium 22	Room: Space 3 Symposium 23	Room: Space 4 Symposium 24	Room: Space 5 Symposium 25
	Applied Innovations in Vector Control and Personal Protection Chair: Donald R. Roberts	Integrating Ecology, Tools, and Intervention Strategies for Vector-Borne Disease Control Chair: Anne Poinsignon	Student Research Session on Vector Ecology, Behavior, and Insecticide Resistance Chair: Krajana Tainchum	Entomological Society of Korea Chair: Ohseok Kwon	Integrated Mosquito Management (IMM) under the Framework of Integrated Vector Management (IVM) Chair: PMAT (Discussion format)
04:45 pm - 05:00 pm	D. R. Roberts The accommodative egg-hatching strategy of <i>Aedes aegypti</i> mosquitoes from cold winter to tropical latitudes	S. K. Ghosh Recent advances in vector control innovations	R. P. B. Malijan Seasonal prevalence and biting behavior of <i>Anopheles</i> vectors in an area with human cases of <i>Plasmodium knowlesi</i> in Chang Island, Trat Province, Thailand	O. S. Kwon Medical entomology in the Republic of Korea: a systematic thematic review of research trends, emerging threats, and future priorities (2000–2025)	FDA Thai Food and Drug Administration
05:00 pm - 05:15 pm	T. Khemram Advancing personal vector protection: field evaluation of insecticide-treated military uniforms against malaria and dengue	T. Jitbantrengphan Effect of blood meal temperature on feeding success, longevity, and reproductive performance of three <i>Anopheles</i> malaria vector species	S. Lhaosudto Comparative study of malaria vector species composition and spatial ecology in Baan Kai Bae (Trat) and Baan Koh Chang (Ranong), Thailand	H. I. Lee Japanese encephalitis virus surveillance in mosquito, 2021-2025	DDC, MoPH Department of Disease Control, Ministry of Public Health, Thailand
05:15 pm - 05:30 pm	C. N. Silalahi Efficacy of erythritol-boric acid toxic sugar baits against three mosquito vector species	M. M. Than Urbanization-driven contrasts in <i>Aedes</i> population dynamics across dengue risk zones: toward adaptive precision surveillance for <i>Aedes</i> control	P. Phonphai <i>Anopheles</i> species composition and biting time across forest–village ecotypes in Thale Ban National Park, Satun Province: implications for simian malaria surveillance	S. H. Park Triangulating indoor PMI-min using flesh fly (<i>Boettcherisca peregrina</i> (Robineau-Desvoidy, 1830)) evidence and microclimate proxies	SAO Subdistrict Administrative Organization
05:30 pm - 05:45 pm	S. C. Pang Night Catcher TM : an automated mechanical trap to replace human-baited trapping method for <i>Anopheles</i> surveillance	J. H. Han Development and inter-laboratory validation of ITS2-based multiplex PCR and colorimetric LAMP for simultaneous identification of two bed bug species	H. Niyomdech Species composition and distribution of <i>Anopheles</i> mosquitoes in zoonotic malaria hotspots of Thailand	J. C. Jeong Inferring for the inanimate pathway of Lumpy Skin Disease (LSD) vector, <i>Stomoxys calcitrans</i> (Diptera, Muscidae) in South Korea	PCO Pest Control Operator Sector
05:45 pm - 06:00 pm	W. Lertlumnaphakul Evaluation of two commercial products against susceptible and resistant strains of <i>Cimex lectularius</i> Linnaeus, 1758 (Hemiptera: Cimicidae)	M. S.aadian-Elahi Acceptability and cost-effectiveness of a proactive integrated vector management trial on dengue incidence in Malaysia: the iDEM trial	S. Jabjai Human antibody response to <i>Anopheles dirus</i> (Diptera: Culicidae) bites assessed by anti-gSG6-P1 IgG levels	O. S. Kwon Global insect industrialization: a comprehensive comparative analysis of development models, regulatory frameworks, species utilization, market structures, and future strategies across Asia, Europe, North America, Africa, and Latin America	
06:00 pm - 06:15 pm	B. Sujarit Comparative efficacy of commercial repellents and natural extracts against key mosquito vectors in semi-field trials in Thailand	M. H. Firdaus Cost-effectiveness of outdoor residual spraying, insecticide-treated nets, and their combination for zoonotic malaria control in Sabah, Malaysia: a comparative analysis	K. Powchai Establishment of diagnostic concentrations for two highly volatile pyrethroids and assessing insecticide resistance in <i>Aedes aegypti</i> (L.) (Diptera: Culicidae) in Bangkok Metropolitan Area, Thailand	Y. S. Lee Species composition matters in long-term chigger mite surveillance: implications for abundance-based interpretation of scrub typhus risk	
06:15 pm - 06:30 pm	C. T. Huang Toxicity and efficacy of dinotefuran formulations against field-collected German cockroach populations in Taiwan	M. Madhavi Digital change in vector management: possibilities and innovations in AI-powered control techniques	L. Chummanee Extraction of Niang <i>Archidendron pauciflorum</i> for adult <i>Aedes aegypti</i> (Diptera: Culicidae) control	M. B. Choi Evaluation of adhesive traps for the control of the Northern giant hornet, <i>Vespa mandarina</i> Smith (Hymenoptera: Vespidae) and their non-target impact in Korean Apisaries	

Day 3 - Friday, August 7th, 2026

07:30 am - 12:00 pm **Registration**

08:45 am - 09:25 am **Plenary Lecture**

Dr. Ary Faraji - "Innovative Advances for Mosquito Surveillance and Control Surrounding the Great Salt Lake in Utah, USA"

09:25 pm - 10:15 pm **Coffee Break**



Day 3 - Friday, August 7th, 2026

1 st Session	Room: Space 1 Symposium 26	Room: Space 2 Symposium 27	Room: Space 3 Symposium 28	Room: Space 4 Symposium 29	Room: Space 5 Symposium 30
	New Traps and Attractant to Enhance Vector Surveillance Chair: Rui-De Xue	Malaria Vector Surveillance, Ecology & Climate Change Chair: Pradya Somboon	Ticks in Southeast Asia Chair: Sebastien Boyer	Science and Technology Research Partnership for Sustainable Development (SATREPS) for a One Health Approach to Controlling Vector-Borne Diseases Chair: Kentaro Itokawa	Integrative Approaches to Understanding Vector-Borne Disease Transmission Chair: Sonthaya Tiawsirisup
10:15 am - 10:30 am	R. D. Xue Overview of current new traps and attractants for surveillance and control of mosquitoes	M. Mukhtar <i>An. stephensi</i>: elaborating on 75 years of entomological surveillance data in relation to climate change modeling	D. B. Prasetyo A community-based tick collection network: citizen science for updating tick diversity in Cambodia	C. Sanjoba Opening remark: SATREPS symposium-one health approach to control arthropod-borne diseases	Q. Narpon Understanding the risk of malaria transmission in Angola : the role of <i>Anopheles</i> vectors in the Balombo region
10:30 am - 10:45 am	W. Li Diversity of viruses carried by common mosquitoes and factors influencing their communities in Guizhou Province, 2021-2024	P. Somboon How to recognize cryptic species of mosquitoes?	M. Le Beux Machine learning-based comparison of images and MALDI-TOF MS approaches for tick species identification	E. Martin Evaluation of In2Care mosquito stations for <i>Aedes aegypti</i> (Diptera: Culicidae) control in a continuous landscape	A. Poinsignon Implication of agricultural practices in micro-geographical heterogeneity of malaria transmission in Bouna, Côte d'Ivoire
10:45 am - 11:00 am	H. Chu Suger® Odor Mosquito Trap and Suger® Ae Lure: new tools for <i>Aedes</i> surveillance	T. S. Su Development and application of methoprene for sustainable management of pests and vectors: a global 50-year perspective	S. Boyer Hidden hitchhikers of tick fauna in the Cambodian landscape: a new survey with new records, and their distribution associated tick-borne pathogen	Y. Özbel The importance of microhabitats and activities in the control of vector sand flies	S. N. Weerakoon Identification of non-human primate malaria parasite <i>Plasmodium inui</i> in the field collected <i>Anopheles minimus</i> mosquitoes in a high-risk area in Narathiwat Province, Thailand
11:00 am - 11:15 am	X. G. Chen Development and effectiveness test of an Internet-based real-time monitoring device for malaria mosquitoes	B. Jaichapor Entomological surveillance of Anopheline mosquitoes and evidence of <i>Plasmodium inui</i> in Southern Thailand	R. Takhampunya Exploring the mechanisms behind permethrin resistance in Thai ticks, <i>Rhipicephalus linnaei</i>	S. Toz Microorganisms in sand fly populations	S. Hegde Decoding inter-microbial interactions to understand microbiome assembly in the yellow fever mosquito <i>Aedes aegypti</i>
11:15 am - 11:30 am	H. Nyberg New mountain innovations: tracheal discoveries delivering environmentally sustainable results - from colony enhancements to environmentally friendly and pollinator beneficial mosquito control	F. Bekele Exploration of the southern expansion of malaria vector <i>Anopheles farauti</i> in Queensland, Australia	S. Bonnet Biomarkers of exposure to tick bites against salivary peptides of <i>Ixodes ricinus</i>: evaluation of their effectiveness on human and bovine serum in Cambodia	K. Itokawa A universal tool for genome-wide SNP genotyping in sand flies and population genetics of sand flies in Türkiye	K. Pusawang Microbial dynamics associated with natural DENV-3 infection in <i>Aedes</i> vectors from dengue hotspots in Chiang Mai, Thailand
11:30 am - 11:45 am	G. Müller Field evaluation of the new AEDEX ovitrap against urban <i>Aedes aegypti</i> populations in Bamako Mali, West Africa	J. H. Kim Assessment of risk factors in <i>Anopheles</i> spp. in the Republic of Korea: a decade of surveillance on malaria vectors	S. Sidhik A broad-spectrum anti-tick vaccine target discovery and validation	R. Matsumura Diversity of tick-borne and tick-associated viruses in Türkiye	E. Riana Assessing the potential role of <i>Aedes albopictus</i> (Diptera: Culicidae) in lumpy skin disease virus transmission
11:45 am - 12:30 pm	Lunch Break				

2 nd Session	Room: Space 1 Symposium 31	Room: Space 2 Symposium 32	Room: Space 3 Symposium 33	Room: Space 4 Symposium 34	Room: Space 5 Symposium 35
	Biocontrol of Stomoxysinae Biting Flies Chair: Gerard Duvallet	Innovative Laboratory Models, Surveillance Systems, and Experimental Tools for Vector Research Chair: Siriporn Phasomkusolsil	Integrating Biology, Genomics, and AI for Next-Generation Vector Control Chair: Lauren Cator	From Innovation to Impact: Partnering Industry and Programs for Next-Generation Vector Control Solutions Chair: Muhammad Mukhtar	Insecticide Resistance: From Detection and Surveillance to Mechanisms and Behavioral Responses Chair: Daeyun Kim
12:30 pm - 12:45 pm	G. Duvallet Integrated management techniques for stable flies	S. Phasomkusolsil Refinements to <i>in vivo</i> tick feeding in New Zealand white rabbits for improved controlled application across developmental stages	Y. T. Liu Larval exposure to artificial light at night alters adult traits and energy reserves in <i>Aedes aegypti</i> (Diptera: Culicidae)	M. H. Baig Regulatory pathways and industry-program partnerships for next-generation vector control in Pakistan	A. Obembe Analysis of malaria vector surveillance and insecticide resistance monitoring systems in Nigeria
12:45 pm - 01:00 pm	D. Morel Boosting biological fly control in livestock: first evaluation of a synergistic combination of <i>Macrocheles muscaedomesticae</i> and pupal parasitoids	N. Pathawong Implementation of a modular net cage system for long-term, multi-species mosquito colony maintenance in laboratory settings	L. Cator The effect of sexual selection on male mating competitiveness and population quality in <i>Aedes aegypti</i>	R. Bosselmann Product development strategy to unlock hidden budgets in public health vector control	M. Nakagawa The widespread fixation of insecticide resistance mutations in Japanese houseflies
01:00 pm - 01:15 pm	K. Tainchum Larvicidal activity of a plant-derived polyphenolic extract against <i>Musca domestica</i> L. (Diptera: Muscidae)	H. I. Lee Mosquito surveillance with artificial intelligence (AI)	S. P. Yenamandra Population genomics uncover lineage differentiation and incursion of wild-type <i>Aedes aegypti</i> into a <i>Wolbachia</i> intervention area in Singapore: implications for <i>Wolbachia</i> -based suppression programme	M. Macdonald Partnering for innovation in an uncertain world	G. C. Lee Development of a quantitative sequencing assay for population-level monitoring of pyrethroid- and fipronil-resistance alleles in <i>Blattella germanica</i>
01:15 pm - 01:30 pm	T. Weluwanarak Essential oils derived from Thai medicinal plants: a natural approach to stable fly control	P. Singkhaimuk Simultaneous determination of Permethrin and Etofenprox in insecticide-treated uniforms using Gas Chromatography (GC-MS)	T. Dennis A genomic toolkit for surveillance and elimination of the principal malaria vectors in Southeast Asia	M. Takeo Partnering for Innovation in indoor residual spraying (IRS)	H. K. Shin Spatial validation of metabolic barriers: cuticular and sensory-specific detoxification driving insecticide resistance in <i>Cimex lectularius</i>
01:30 pm - 01:45 pm	S. Thongsahuan Effective combination of colors and odors for stable fly trapping	A. Takahashi The use of portable infrared device for non-invasive characterising <i>Aedes aegypti</i> mosquitoes to determine their age, sex, <i>Wolbachia</i> and blood feeding status	R. Carney Artificial intelligence solutions for next-generation mosquito surveillance	M. Tariq Academic leadership in building capacity for innovative vector control technologies: bridging research, training, and product evaluation	W. Ngonsawan Permethrin resistance and detoxification mechanisms in <i>Rhipicephalus linnaei</i> from Thailand
01:45 pm - 02:00 pm	G. Duvallet Lumpy skin disease, emerging disease in France: a necessity to control biting flies	S. Y. Lim Pioneering the future of mosquito control: Envu's market-defining green and resistance-breaking technologies for Asia	L. T. Soh From skepticism to support: Community engagement for <i>Wolbachia</i> -based dengue control in Singapore	Discussion Panel	D. Kim Behavioral responses of <i>Aedes aegypti</i> (Diptera: Culicidae) against transfluthrin using high-throughput screening system
03:00 pm - 05:00 pm	AMV 2026 Closing Ceremony				