



The 25th Khon Kaen Veterinary Annual International Conference (KVAC) 2024 “AI, Technology and Innovation for Animal Health”

July 11-12, 2024 AVANI Khon Kaen Hotel & Convention Centre Khon Kaen, Thailand



11 July 2024

Time	Convention 2-3			
09.00-09.30	Open ceremony Welcome remark by the President, Khon Kaen University Assoc.Prof.Dr.Charnchai Panthongviriyakul			
09.30-10.20	Keynote speaker: [English] AI's Journey in Technology and Animal Health Professor Sartra Wongthanavasu College Of Computing Khon Kaen University, Thailand			
8.00-10.00	Break			
10.20-12.00	Keynote speakers: [panel discussion] [Thai] (Modulator: Asst.Prof.Dr.Weerapol Taweeanan) AI, Smart farming, Remote sensing and Technology Dr. Worachart Lert-itthiporn (Khon Kaen University) Dr.Suphachoke Sonsilphong (Khon Kaen University) Dr. Pornthep Sarakon (AXONS, Thailand)			
12.00-13.00	Lunch			
	Ratchaphruek 1-2 Session: Poultry (Modulator: Assoc.Prof.Dr.Tawatchai Pohuang)	Ratchaphruek 3 Session: Swine (Modulator: Assoc.Prof.Dr.Sarthon Porntrakulpipat)	Ratchaphruek 4-5 Session: Ruminant (Online) [English] (Modulator: Assoc.Prof.Dr.Chaiyapas Thamrongyoswittayakul)	Convention 2-3 Session: Small animals (Zoetis)
13.00-13.50	Update on poultry diseases in Thailand: current situation and future prospects Prof.Dr.Thaweesak Songserm Faculty of Veterinary Medicine Kasetsart University	Biosecurity and hygienic practices in Korean pig farms Dr. Hyun-kyu Jeong Executive Advisor Dodram Research Institute	AI in Livestock Production Mr. Khongphat Prasarnthong Allflex Livestock Intelligence MSD Animal Health (True Digital Group)	“รู้ไหม ช้อไหนเสื่อม?” OA in Dogs & Cats and A New Era in Pain Management OA Exam...Anyone can do it! Dr.Thirawat Sumalai
13.50-14.40		Smart Pig Farming Application Dr.Wittaya Tasuya Assistant Vice President CPF (Thailand)	The Evolution of Sexed Semen at ABS Global Dr. Kevin Rozeboom, Global Andrology R&D Manager at ABS Global Lindsey Gustafson, IntelliGen Key Account Service Manager at ABS Global	
14.40-15.00	Break			
15.00-15.50	Spotlight on the emergence of Newcastle disease and infectious bronchitis in poultry farms: genotype mismatch or inadequate vaccination approaches? Prof.Dr. Jiroj Sasipreeyajjan Faculty of Veterinary Science Chulalongkorn University	Evolution of China's Pig Farming from the Past to the Present Dr.Apichart Wongchaya Senior Technical Manager-Regional Vet Products Group	The role and potential of artificial intelligence in ruminant health care Prof.Dr.ir. H (Henk) Hogeveen, Wageningen University & Research The Netherlands	Bedinvetmab (Librela) Sharing Experience (15.00-16.00) Dr.Thirawat Sumalai Questions & Answers (16.00-16.30)
15.50-16.40		Infrared Technology in Pig Production and Health Asst.Prof.Dr.Terdsak Yano Faculty of Veterinary Medicine, Chiang Mai University		

8.40 – 16.40 Poster presentation at Convention 1



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12 July 2024	Time	Ratchaphruek 1-2 Session: Exotic/ Wildlife (Modulator: Asst.Prof.Dr.Sompoth Weerakun)	Ratchaphruek 3 Session: Equine (Modulator: Asst.Prof. Suphannika Pnutthachalee)	Ratchaphruek 4-5 Session: Ruminant (Modulator: Dr.Sujira Thammawung, DLD)	Ratchaphruek 6	Convention 2-3 Session: Small animal (VPAT) (Modulator: Dr.Patchaya Thassakorn)
	08.40-10.20	Art of Exotic Pet Imaging: AI's Impact Dr. Chaowaphan Yinarnmingmongkol Association President of Thailand Association of Exotic Pet Veterinarians (TAEPV) and Director of Animal Space Veterinary Hospital	[AHS panel discussion][Thai] Update on African Horse Sickness situation in Thailand Dr. Piyanart Lekcharoensook (Office of the Consumer Protection Board, DLD) Dr. Khuanraming Kunshorn (Division of Vet Inspection and quarantine, DLD) Assoc. Prof. Dr. Metha Chanda (Thailand Equestrian Federation veterinarian advisor, KU) Asst. Prof. Aree Laikul (President of Thai society of Equine Practitioners, KU)	[panel Discussion][Thai] Biotechnology in Ruminant production Dr.Thanapol Nongbua, Vet MSU Dr. Chaiwat Chumchoung, Siam Vet Tech Dr.Thananya Sopha, Prolife V Co.,Ltd Dr.Attapol Pronprapai, DLD	Oral presentation	Diagnostic imaging modality for tracheal collapse Dr.Karn Yongvanit Faculty of Veterinary Medicine Khon Kaen University Surgical treatment of tracheal collapse Dr.Krishaporn Kradangnga Faculty of Veterinary Science Chulalongkorn University
	10.20-10.30	Break				
	10.30-12.00	Echocardiogram Used in Small Exotic Mammals Dr. Jirasin Jintanapoosit Deputy director of Kwuncum Veterinary Hospital and Association of Exotic Pet Veterinarians (TAEPV)	Electrocardiography in horses Asst.Prof.Dr. Wichaporn Lerdweeraphon Mahasarakham University (10.30-11.15) Update on equine heart examination technology Dr. Ashannut Isawirodom Chiang Mai University (11.15-12.00)	[panel Discussion][Thai] Biotechnology in Ruminant Production [cont.] Dr.Thanapol Nongbua, Vet MSU Dr. Chaiwat Chumchoung, Siam Vet Tech Dr.Thananya Sopha, Prolife V Co.,Ltd Dr.Attapol Pronprapai, DLD	Oral presentation	Anesthesia in respiratory patient Asst. Prof. Dr.Sirirat Niyom Faculty of Veterinary Medicine, Kasetsart University
	12.00-13.00	Lunch				
		Ratchaphruek 1-2 Session: Exotic/ Wildlife (Modulator: Asst.Prof.Dr.Sompoth Weerakun)	Ratchaphruek 3 Session: Equine (Modulator: Asst.Prof.Suphannika Pnutthachalee)	Ratchaphruek 4-5 Session: Ruminant (Modulator: Asst.Prof.Dr.Chaiwat Jarassaeng)	Ratchaphruek 6	Convention 2-3 Session: Small animals (VM KKU) (Modulator: Dr.Patchaya Thassakorn)
	13.00-13.50	Orthopedic principles applying to exotic pet surgery and techniques: Small mammal, Avian and Reptile Dr. Nithidol Buranapim Director of Nana Animal Hospital and Association of Exotic Pet Veterinarians (TAEPV)	Tips and tricks to approach equine respiratory tract issue Dr. Pusprapa Jandee Mahidol University	Opportunities and Challenges in Applying Artificial Intelligence to Thai Dairy Farming Assoc.Prof.Dr.Chaidate Inchaisri, Faculty of Veterinary Science, CU	-	Pythiosis: Incidence, clinical features and clinically diagnostic approach in veterinary medicine Dr.Saikam Chaimongkol and Dr.Thanakorn Srirat, Faculty of Veterinary Medicine, KKU
	13.50-14.40			AI in commercial dairy farms Dr. Veeris Wuthironarith CPF (Thailand)	-	Clinical and Research Challenges for Pythiosis in Humans and Animals Prof.Dr.Theerapong Krajaejun Faculty of Medicine, Ramathibodi Hospital, Mahidol University (13.50-14.50) Break (14.50-15.15)
	14.40-15.00	Break				
	15.00-15.50	Genetic tools for clinical diagnosis in exotic/non-domestic animals Dr. Tarid Purisotayo Faculty of Veterinary Science, MSU.	Principle of equine anesthesia Dr. Juthamas Leklub Kasetsart University	AI in Small holder dairy farms Natee Dodsoongnoen, Amphun farm	-	Clinical and Research Challenges for Pythiosis in Humans and Animals (Q&A) Prof.Dr.Theerapong Krajaejun (15.15-15.50)
15.50-16.40	Discussion			-	Two and three-dimensional echocardiography for diagnosis of dogs with mitral stenosis Dr.Chayanon Chompoosan Faculty of Veterinary Science, MSU	
8.40 – 16.40 Poster presentation at Convention 1						