

세부일정표

무궁화홀

시 간	무궁화홀 2월 19일 (월)	
12:00-13:00	등 록	
13:00-13:30	제40차 한국양봉학회 정기총회	
13:30-14:00	[개회식] 사 회 : 김혜경 총무이사(한농대) 개회사 : 한국양봉학회 정철의 회장 축 사 : 국립농업과학원 이상재 부장, (사)한국양봉협회 윤화현 회장, (사)한국한봉협회 윤관로 회장, 한국양봉농협 김용래 조합장 시 상 : 40주년 공로상 및 학술상 시상	
14:00-14:10	Special Talk I. 김정옥(농림축산식품부 축산정책관)	
14:10-14:50	기조강연 I. Dr. Jeff Pettis (APIMONDIA President) Beekeeping in a changing world, new pests and more! 좌장 : 이명렬 교수(인천대)	
14:50-15:00	휴 식	
15:00-15:30	초청강연 I. Prof. Huoqing Zheng (Zhejiang University, China) Filling gaps in the understanding of the relationship between <i>Varroa spp.</i> and <i>Apis cerana</i> 좌장 : 김혜경교수(한농대)	
15:30-17:00	꿀벌 병해충 I. 좌장 : 김혜경 교수(한농대)	
	O-1	The influence of <i>Varroa destructor</i> on virus infection of honeybees from the perspective of virome analysis Ruike Wei, Zhejiang University
	O-2	Acaricidal susceptibility of <i>Varroa destructor</i> and <i>Tropilaelapsmercedesae</i> in <i>Apis mellifera</i> colonies Hyunha Oh, Andong National University
	O-3	Acaricidal Activity of major component from <i>Cymbopogon citratus</i> Combination with Other Monoterpenes, on <i>Varroa destructor</i> and Honey bees TekalignBegna, Andong National University
	O-4	Development of a Multiplex RT-PCR Diagnostic Method for the Predominant Three Species of Honey Bee Viruses in Uzbekistan So-yoon Jang, Andong National University
	O-5	Development and Application of RT-RPA Based Detection Methods for the Diagnosis of Bee Viruses Man-Cheol Son, Andong National University
	O-6	The role of vaccination in sustainable hive health: a One Health discussion Nigel Swift, Dalan Animal Health, USA
17:00-17:10	휴 식	
17:10-17:20	Special Talk II : 이용권 과장(산림청 산림자원과)	
17:20-18:00	기조강연 II. 성건목 교수(충남대학교) Development of RNAi method to control <i>Varroa destructor</i> : lethal effects of knockdown of coatomer proteins 좌장 : 최용수 박사(농과원)	
18:30-	간 친 회	
시 간	무궁화홀 2월 20일 (화)	
09:00-09:30	초청강연 III. Dr. Norman L Carreck (Carreck Consultancy Ltd.) The COLOSS association and the BEEBOOK project 좌장 : 김기영 교수(경희대)	
	꿀벌병해충 II. 좌장 : 김기영 교수(경희대)	
09:30-10:10	O-12	The task forces of the COLOSS association and its missions Victoria Soroker, Agricultural Research Organization, Israel
	O-13	Taxonomic notes on parasitic mites on honeybee in Korea Jaeseok Oh, Seoul National University
	O-14	The larvae of greater wax moth, <i>Galleria mellonella</i> affects the health of adult honeybees Yanling Xie, Zhejiang University, China

10:10-10:20	휴 식	
10:20-11:40	꿀벌병해충 II. 좌장 : 유미선 박사(검역본부)	
	O-15	Potential control of <i>Vespa velutinanigrithorax</i> using sex pheromone Donguei Hong, Andong National University
	O-16	Phenological and compositional changes of <i>Vespa</i> species from the long term monitoring data in Korea SeongbinBak, Andong National University
	O-17	Effects of imidacloprid on Hypopharyngeal glands and GST isoenzyme profile Fani Hatjina, EllinikosGeorgikosOrganismos 'DIMITRA', Greece
	O-18	Enhancing Honeybee Resilience: Curcumin as an Antidote to Mitigate Carbaryl-Induced Harm and Promote Sustainable Pollination Saeed MohamadzadeNamin, Andong National University
	O-19	Exploring the Impact of Different Carbohydrate Types on Honeybee Longevity and Hypopharyngeal Gland Dimensions ArezoNajarpour, Andong National University
	O-20	Identifying Effects and Markers Related to <i>Apis mellifera ligustica</i> Honey Bee Health Olga Frunze, Incheon National University
11:40-12:00	Poster Presentation (무궁화홀 로비)	
12:00-13:30	점심식사	
13:30-14:10	기조강연 III. Victoria Soroker (Agricultural Research Organization, Israel) The chemosensory machinery of the Varroa mite 좌장 : 정철의교수(안동대)	
14:10-14:20	휴 식	
14:20-16:50	심포지엄 II. 산림밀원의 확대 및 공적 기능 강화 좌장 : 나성준 박사(산림과학원), 최영임 박사(산림과학원)	
	초청강연 VI. Angus McPherson (NZ Trees for Bees Research Trust) Designing and Establishing Multi-function Bee Forage Planting to Support Beekeepers and Farmers 좌장 : 이승환교수(서울대),	
	S-11	Major honey plants in the central region of Korea, evaluated by foraging preferences of honeybees Seunghun Jung, Seoul National University
	S-12	Threats to Honeybee: Investigation of Potential Predators in Apiary Jong-Hwa Oh, Seoul National University
	S-13	Habitat Suitability Assessment of Major Honey Tree Species in Mt. Gariwang and Mt. Yumeong Yong-Ju Lee, Kookmin University
	S-14	Economic valuation of pollination resources in national forests of Mt. Gariwang and Mt. Yumyeong relative to beekeeping Kwanhui Lee, Andong National University
	S-15	Development of evaluation indicators and case application research for the creation of honey plant complex Sora Kim, Korea Forest Conservation Association
	S-16	Proposals for the Expansion of Honey Plant Complexes in Korea Sung-Joon Na, National Institute of Forest Science
	S-17	Effects of Rising Winter Temperatures and Day Length on Spring Flowering Time in Future Warm Climates Sukyung Kim, Seoul National University
	S-18	A report on changes in spring flowering duration of seven Korean tree species over the last 52 years and the potential resultant effect at the community-level Min-Jung Kim, National Institute of Forest Science
17:00-	[폐회식] 사 회 : 김혜경 총무이사(한농대) 폐회사 : 한국양봉학회 정철의 회장 시 상 : 우수논문상 시상	

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목련홀

시 간	목련홀 2월 19일 (월)	
15:00-16:10	양봉산물 좌장 : 우순옥 박사(농과원)	
	O-7	Evaluating Royal Jelly Quality from Korean Commercial Apiaries and Analyzing the Nutrient Content impact of Honey bee Feed Sampat Ghosh, Andong National University
	O-8	Unveiling Floral Diversity and Nutritional Profiling of Bee Pollens from Uzbekistan Sukjun Sun, Andong National University
	O-9	Characterization of volatile compound detected in drone pupa (<i>Apis mellifera</i> L.) fat extract Seonmi Kim, National Institute of Agricultural Science
	O-10	The R&D of immunity strengthening functional propolis products by the water-soluble cocktail method Hadong Kim, Seoul Propolis Co., Ltd. R&D Center
	O-11	Pancreatic cancer cell death and blood sugar regulation by propolis and honey mixture Kim Sung-Kuk, National Institute of Agricultural Science
16:10-16:40	초청강연 II. Dr. Bajaree Chuttong (Chiang Mai University, Thailand) Guidelines for establishing a quality standard for honey produced by the stingless bee genus <i>Tetragonula</i> in Thailand 좌장 : 우순옥박사(농과원)	
시 간	목련홀 2월 20일 (화)	
09:00-09:30	초청강연 IV. Prof. Lekhnath Kafle (National Pingtung University, Taiwan) Efficacy of probiotic and prebiotic supplements on honeybee productivity and strength	
09:30-10:10	화분매개 및 밀원식물 좌장 : 이경용 박사(농과원)	
	O-21	Assessing niche overlap of bees, butterflies, and hoverflies in plant-pollinator networks Ehsan Rahimi, Andong National University
	O-22	Environmental Big Data based Implementation of the Honey Production Environment Grade Map Jea-Chul Kim, AirTech Inc
	O-23	주요 밀원식물 찰피나무의 특성과 우량개체 선발 김세현, 순천대학교
10:10-10:20	휴 식	
10:20-11:30	꿀벌생리 좌장 : 이광식 교수(동아대)	
	O-24	Stingless Bees Tongue Morphology is Different Compared to Honeybees Sarah Najiah Ramli, Universiti Malaysia Terengganu, Malaysia
	O-25	Morphological Exploration of <i>Apis cerana</i> with different colors in South Korea Hyeonjeong Jang, Andong National University
	O-26	Honeybee genetic resource and national diffusion system in Korea Chang-hoon Lee, National Institute of Agricultural Science, RDA
	O-27	Predictive Modeling of Honeybee Winter Mortality in Response to weather Anomalies : Utilizing 'Honeybee Meteorological Index' Sunghyun Min, National Institute of Agricultural Science
	O-28	Comparison of the expression levels of cytochrome P540 monooxygenases between <i>Apis cerana</i> and <i>Apis mellifera</i> (Hymenoptera: Apidae) in response to various insecticides Youngcheon Lim, Seoul National University

11:30-12:00	Poster Presentation (무궁화홀 로비)	
12:00-13:30	점심식사	
13:30-14:20	휴 식	
14:20-16:50	심포지엄 III. 꿀벌질병 좌장 : 유미선박사(검역본부)	
	S-19	Evaluation of efficacy of lactic acid bacteria from Honeybee for American foulbrood and Nosemosis Mi-Sun Yoo, Animal and Plant Quarantine Agency
	S-20	Prevalence and Trends of Honeybee Diseases in the Republic of Korea Thi-Thu Nguyen, Animal and Plant Quarantine Agency
	S-21	Point-of-care-testing 기법에 의한 꿀벌질병 진단 최옥란, (주)진시스템
	S-22	Efficacy of complex plant extracts (Winning bee plus) for varroa mite Sung-Min Lee, CTC VAC
	S-23	꿀벌의 주요 법정 감염병에 대한 현장용 분자진단법 개발 및 임상평가 천두성, 포스트바이오(주)
	S-24	Association between Honeybee (<i>Apis mellifera</i> L.) diseases and CCD in Korea Juhaeng Heo, Korea Apicultural Agriculture Cooperative

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수련홀

시 간	수련홀 2월 19일 (월)	
15:00-17:00		심포지엄 I. 디지털양봉의 현재와 미래 좌장 : 김동원 박사(농과원)
	S-1	Controlling vespa velutina nest using drone Su-Bae Kim, National Institute of Agricultural Sciences, RDA
	S-2	비주얼 카메라를 이용한 등검은말벌집 탐색 최인찬, 국립농업과학원 농업공학부
	S-3	Development of Unmanned Aerial Vehicles-based Wasp Tracking and Habitat Search Technology Bosung Kim, Chonnam National University
	S-4	딥러닝 기반 말벌탐지 및 모니터링 이철희, 안동대 컴퓨터공학과
	S-5	지속가능한 양봉산업을 위한 디지털 양봉 기술 현황과 전망 정원기, 농업회사법인 ㈜온팜
	S-6	꿀벌 해충 관리를 위한 공학기술의 접목 Changyeun Mo, Kangwon National University
	S-7	Current Status and Perspectives of Intelligent Beekeeping Management Device Developments Xiongzhe Han, Kangwon National University
	S-8	Conditions and functions of smart honey bee house for overwintering study Yongrak Kang, Andong National University
	S-9	Utilizing Sensing Technology for Honeybee Colony Monitoring Byoung-Jo Choi, Incheon National University
	S-10	Utilization of ChatGPT in Beekeeping Industry and Apiculture Research 오대근, National Institute of Agricultural Science
시 간	수련홀 2월 20일 (화)	
09:00-11:30		심포지엄 IV. Honeybee Viruses and Pathogens (with COLOSS Virus TF) 좌장 : 길의준 교수(안동대)
		초청강연 V. Delphine Panziera (Wageningen University & Research) Chronic bee paralysis and winter mortality in the Netherlands
	S-25	Is commercial trade of queens a way for virus spread? Anne Bonjour-Dalmon, INRAE, Bees and the Environment research department, France
	S-26	Habitat structure and virome examination in newly field-exposed bumble bees Orlando Yañez, University of Bern, Switzerland
	S-27	RNAi as a honeybee virus repressor: case studies and potentials June-Sun Yoon, Jeonbuk National University
	S-28	The chronicle of dsRNA for apiculture; a new agent to control pathogens of the honeybees Woojin Kim, Genolution Inc.
	S-29	Proteomics and immune response differences in <i>Apis mellifera</i> and <i>Apis cerana</i> inoculated by three <i>Nosema ceranae</i> isolates Terd Disayathanoowat, Chiang Mai University, Thailand
	S-30	Unveiling Novel and Unreported Honeybee Viruses in South Korea, 2023: A Fresh Perspective on Beekeeping Epidemiology Minhyeok Kwon, Andong National University

	S-31	Harnessing the Bee Virome: A Novel Tool for Unearthing Unreported and Emerging Plant Viruses Jiho Jeon, Andong National University
11:30-12:00	Poster Presentation (무궁화홀 로비)	
12:00-13:30	점심식사	
13:30-14:20	휴 식	
14:20-16:50	사양관리 좌장 : 정제원 교수(경성대)	
	O-29	Conservation of honey bees in Britain and Ireland Norman L Carreck, Carreck Consultancy Ltd., United Kingdom
	O-30	Stingless bee-friendly garden for the sustainability of beehives Norasmah Basari, Universiti Malaysia Terengganu, Malaysia
	O-31	Robotic System Design In Royal Jelly Production Sedat Sevin, Ankara University, Turkiye
	O-32	Responses of the Climate Change impact on <i>Apis cerana</i> beekeeping in Korea Yeonjeong Lee, Andong National University
	O-33	Development of a Separator-Free Gate to Count the Entry and Exit of Bees Si-u Bak, Incheon National University
	O-34	Consideration of Existing Beehive Entry-Exit Counting Systems and the Necessity of a Dedicated Image-Based Algorithm Jinseong Lee, Incheon National University
	O-35	Development of a multi-beekeeping object detection model for Integrated pest management of Beekeeping Hong Gu Lee, Kangwon National University
	O-36	Development of the migratory beekeeping information system by GIS (Geographic Information Systems) Kyeong Yong Lee, The National Academy of Agricultural Science
	O-37	Effects of Clothianidin Pesticide Application on the Strength of Honey Bee Colonies and Stress-Related Genes in the Vicinity of Rice Fields in the Republic of Korea Minwoong Son, National Institute of Agricultural Science