

Presentation Schedule (May 23rd-24th, 2019)

Main Session (May 23, 2019)	
13:50-14:00	Taxonomy review of genus <i>Scaphoideus</i> (Hemiptera: Auchenorrhyncha: Cicadellidae: Deltocephalinae: Scaphoideini) from Korea Peninsula /Eunji Kim, Chungnam National University
14:00-14:10	Application of woody biomass as component of growing media for slope greening /Jaihyun Park, Gyeongsang National University,
14:10-14:20	Polysaccharide Form <i>Momordica charantia</i> L. And Its Hypoglycemic Activity /Hongman Chen, Shenyang Agricultural University
14:20-14:30	Effects of solid compound fertilizer and vermicompost in different methods on growth and nutrient responses of <i>Larix kaempferi</i> , <i>Betula platyphylla</i> and <i>Chamaecyparis obtuse</i> /Thi Thuy Huong Dao, Chungnam National University
14:30-14:40	The effect of aerobic decomposition of cover crop biomass before flooding in rice paddy on soil organic carbon stock. /Hyeonji Song, Gyeongsang National University
14:40-14:50	Construction of Chromosome Segment Substitution Lines of Chinese cabbage (<i>Brassica. rapa</i> L. ssp. <i>pekinensis</i>) in the background of RcBr (<i>B. rapa</i> L. ssp. <i>dichotoma</i>) and characterization of segments representing the bolting trait /Yugang Wang, Shenyang Agricultural University
14:50-15:00	Variability in the N terminal half of the polyprotein of new TuMV isolates collected in China showing differential pathogenesis in <i>Nicotiana benthamiana</i> /Wenxing Hu, Chungnam National University
15:00-15:10	Monitoring the operating status of an automatic harmful-fly collector for smart greenhouses /Md Zafar Iqbal, Chungnam National University
15:10-15:20	Shift of Soil Bacteria by Complete Straw Returning with Deep Ditching /Jiaqi Li, Shenyang Agricultural University
15:20-15:35	Tea Break
15:35-15:45	Silicon Promotes Rooting and Alleviates Temperature Stress in <i>Poinsettia</i> During Cutting Propagation /Jiangtao Hu, Gyeongsang National University
15:45-15:55	Evaluation for Agricultural operation performance of electric tractor using SimulationX /Seung Yun Baek, Chungnam National University
15:55-16:05	Study of mucus absorbing mechanism of <i>Dabryanus loach</i> and bionic drag reduction /Liyan Wu, Shenyang Agricultural University

16:05-16:15	Higher depletion of soil carbon stock by liming in maize cropping upland soil /Song Rae Cho, Gyeongsang National University
16:15-16:25	Development of Omiza(<i>Shisandra chinensis</i>) Compost by <i>Lactobacillus</i> fermentation /Ja Young Yoon, Chungnam National University
16:25-16:35	Assessment of the Potential for Genomic Selection to Improve Husk Traits in a Maize Association Panel /Zhenhai Cui, Shenyang Agricultural University
16:35-16:45	Composting and compost application in whole rice cropping system: Trade-off between soil carbon sequestration and greenhouse gas emissions /Piljoo Kim, Gyeongsang National University
16:45-16:55	Genome-wide association study (GWAS) dissects the genetic architecture of husk tightness in maize /Siqi Jiang, Shenyang Agricultural University
Branch Session 1 (College of Land and Environment) (9:40-11:20 May 24, 2019)	
9:40-9:50	Herbicidal efficacy of herbicidin to <i>ambrosia trifida</i> , <i>ambrosia artemisiifolia</i> , and <i>sicyos angulatus</i> / Farrukh Ruziey, Chungnam National University
9:50-10:00	Effect of Combined Application of Cow Manure and Corn Straw on Cadmium Spcies in Brown Soil and Its Uptake by maize /Yuqing Liu, Shenyang Agricultural University
10:00-10:10	Selection of remediation technology for the former industrial site contaminated with nickel in yentai city / Doug Young Chung, Chungnam National University
10:10-10:20	A Meta-analysis of Cadmium Immobilization Effect of Amendments on Farmland Soil and its Influence Factors /Yanmei Hu, Shenyang Agricultural University
10:20-10:30	Effect of weeding frequency on growth and survival rate of planted <i>Pinus thunbergii</i> seedlings
10:30-10:40	Tea Break
10:40-10:50	Methane emissions from the paddy soil under different straw management strategies / Su Hun Kim, Chungnam National University
10:50-11:00	Effects of Different Returning Depths on Soil Greenhouse Gas Emission Characteristics and Yield /Xiaoqing Zhu, Shenyang Agricultural University
11:00-11:10	Straw recycling in rice paddy: Trade-off between greenhouse emission and soil carbon stock increase /_Jin Ho Lee, Gyeongsang National University

11:10-11:20	Judging the cause of suspected relics in Paleolithic site in Shenyang, China: From the perspective of soil science /Tianhao Wang, Shenyang Agricultural University
11:20-11:30	Ecological Environmental Impact Assessment of Rice Production in Liaoning /Jinheng Bai, Shenyang Agricultural University
Branch Session 2 (College of Bioscience and Biotechnology) (9:40-11:30 May 24, 2019)	
9:40-9:50	Development of value-added selenium rich rice by using organic selenium foliar spray / Young-Ji Jeon, Chungnam National University
9:50-10:00	In planta expression screening of RXLR effectors from <i>Phytophthora capsici</i> using LIC based vectors. /Saima Arif, Chungnam National University
10:00-10:10	Functional Analysis of <i>CaNAC6</i> and <i>CaNAC12</i> Genes to Biotic and Abiotic Stresses in Transformed <i>Nicotiana benthamiana</i> Plants / Khaing Shwe Zin Thinn, Chungnam National University
10:10-10:20	<i>Capsicum annuum</i> NAC4 transcription factor has roles in Salt tolerance and Pathogen defense /Jia Guogeng, Chungnam National University
10:20-10:30	Comparison of pathogenicity between two new Korea isolates of Tomato mosaic virus and identifying their difference in symptoms associated with differential amino acid residues in 128 kDa protein. /June-Pyo Oh, Chungnam National University
10:30-10:40	Tea Break
10:40-10:50	Amino acids differences between two Korean Turnip mosaic virus isolates affect P3 subcellular localization, and pathogenicity in <i>Nicotiana benthamiana</i> . /Min Hee Oh, Chungnam National University
10:50-11:00	Properties of a Fibrinolytic Enzyme secreted by <i>Bacillus subtilis</i> JS2, Isolated from <i>Jeotgals</i> /Yao Z, Gyeongsang National University
11:00-11:10	Identificatin and molecular mechanism of <i>ZmCOLD1</i> gene from maize (<i>Zea may</i> L.) at low temperature /Yanan Jin, Shenyang Agricultural University
11:10-11:20	Impose the evidence of latitudinal gradient in <i>Xanthium strumarium</i> with biological control agent's in diverse locations of Northeast China /Mazher Farid Iqbal, Shenyang Agricultural University
11:20-11:30	FIPs-Mushrooming Functional Proteins from Fungi /Jing Wei Lin, Shenyang Agricultural University
Branch Session 3 (College of Engineering) (9:40-12:00 May 24, 2019)	

9:40-9:50	Optimization of Immersion Frequency and Duration in Temporary Immersion System for Growth and Development of Micropropagated Plantlets of Carnation 'Dreambyul' / Luc The Thi, Gyeongsang National University
9:50-10:00	Development of Automatic Transplanter for Vegetable and Flower / Subo Tian, Shenyang Agricultural University
10:00-10:10	Field performance evaluation of a trenchless subsurface drainage piping machine /Ye-Sol Kim, Chungnam National University
10:10-10:20	Mechanical properties in pelleting ground corn stover and coconut coir dust / Bai Xuewei, Shenyang Agricultural University
10:20-10:30	Temperature response and variability during the operation of heating modules in a closed chamber and a small greenhouse / Nafiul Islam, Chungnam National University
10:30-10:40	Effect of integrated rice-duck farming on growth and yield of rice in Liaoning Province / Chi Bowen, Shenyang Agricultural University
10:40-10:50	Tea Break
10:50-11:00	Force analysis of a precision seeding mechanism for tractor mounted punch-type radish seeders /Bo-Eun Jang, Chungnam National University
11:00-11:10	Study of mucus absorbing mechanism of Dabryanus loach and bionic drag reduction / Huan Wang, Shenyang Agricultural University
11:10-11:20	Analysis of overturning angle for self-propelled radish harvester /_Yeon Jun Jung, Chungnam National University
11:20-11:30	Effect of mechanical compression of clove on emergence and growth of garlic (<i>Allium sativum L.</i>) / Jiao Jinkang, Shenyang Agricultural University
11:30-11:40	Study on the Optimal Sample Size and Method for Detecting LMO Seeds / Do-Gyun Kim, Chungnam National University
11:40-11:50	Stress Analysis and Experimental Study of Typical Capsule Extraction Process Based on EDEM / Hou Junming, Shenyang Agricultural University
11:50-12:00	Impacts of hydraulic oil temperatures on hydraulic system of the rice transplanter / Md Abu Ayub Siddique, Chungnam National University