



The 4th International Conference on Integration of Science and Technology
for Sustainable Development (ICIST 2015)
“Biological Diversity, Food and Agricultural Technology”

November 27-28, 2015

Center for Woman and Development -CWD Hotel, Hanoi, Vietnam

PROGRAM

DAY 1: 27 November 2015; Ballroom Hall, the 2nd floor, CWDhotel

Time	Activities
7:30–8:30	Registration: <ul style="list-style-type: none"> - Handling of PowerPoint Presentations to the Members of Committee - Putting-up Posters
8:30–10:30	Opening Ceremonies Welcome Song (Imagine) Opening Remarks Assoc. Prof. Dr. Kasem Soyong, President of AATSEA Welcome Address Mr Nguyen The Quyet, Director of ATQ Message President of Vietnam Agricultural Academy of Science Message Prof. Hiroyuki Konuma, Visiting Professor (in Agriculture), Meiji University, Japan (Former UN FAO ADG and Regional Representative for Asia and the Pacific) Overview of the Research Congress Prof. Dr. Timo K. Kopela Chair, International Organizing Committee

Awarding Ceremonies

Entrance Countries' Representative as Honour Guests and AATSEA Members onto the Stage

1. Belarus: Dr. Grineva I.A.
2. Botswana: Prof. Dr. John Cassius Moreki
3. Cambodia :Mr. Huyly Tann
4. China :Miss Song Jiaojiao
5. Egypt :Prof. Dr. Riad Sedki Riad El-Mohamedy
6. Finland : Prof. Dr. Timo K. Korpela
7. Germany :Prof. Nowick Wolfgang
8. India : Prof. Dr. Thangadurai Devarajan
9. Indonesia :Dr. Zainal Mukhtar
10. Iran :Assoc. Prof. Dr. Younes Rezaee Danesh
11. Japan :Prof. Akira Suzuki
12. Laos : Mr. Somlit Vilavong
13. Malaysia: Prof. Dr. Rajeev Bhat
14. Moldova: Dr. Tatiana G. Stratulat
15. Myanmar : Dr. Ohnmar Myo Aung
16. Nigeria :Prof. Dr. Raphael Okigbo
17. Philippines: Prof. Dr. Divina Cynthia
18. Russia (Mr. Beletskiy Sergey)
19. South Korea : Prof. Dr. Choong Kang
20. Thailand :Assit. Prof. Dr Wattanachai Pongnak
21. USA : Prof. Dr. Robert McGovern
22. Vietnam :Dr. Nguyen Van Thiep
23. Agricultural Genetics Institute, Vietnam: Dr. Le Huy Ham, Director
24. Northern Mountainous Agriculture and Forestry Science Institute, Vietnam: Dr. Nguyen Huu La, Vice Director
25. Hung Vuong University, Vietnam: Prof. Dr. Cao Van, Rector
26. King Mongkut's Institute of Technology Ladkrabang, Thailand: Assoc. Prof. Dr. Chamroon Laosinwattana, Vice Rector
27. ATQ, Vietnam: Mr. Nguyen The Quyet, Director, Director
28. Association of Agricultural Technology in South East Asia (AATSEA), Thailand: Assoc. Prof. Dr. Kasem Soyong, President
29. CGC Coffee Laos , Mr. Young Ah Choi, Director

Bestowing "Excellence in Agricultural Award" by the President of AATSEA

1. Mr. Antonio Herrera Cerilles (Provincial Governor, Philippines)
2. Hon U. Kyaw Swar Soe (Myanmar)
3. Mrs. Leuang Litdang (Laos)
4. Prof. Dr. Okigbo Raphael Nhajiofor (Nigeria)
5. Prof. Dr. Riad EL-Mohamedy (Egypt)
6. Mr. Tawat Tapingkae (Thailand)
7. Prof. Dr. Teodoro C. Mendoza (Phillipines)
8. Assoc. Prof. Dr. Younes Rezaee Danesh (Iran)

Response or Awardees

(Each Awardee will be given the speech for 3-5 min)

Awarding Plaques of Recognition to Co-organizers and Sponsors

1. Agricultural Genetics Institute (Vietnam)
2. ATQ (Vietnam)
3. CGC Coffee Laos and sponsors
4. Hung Vuong University (Vietnam)
5. King Mongkut's Institute of Technology Ladkrabang (Thailand)
6. Northern Mountainous Agricultural and Forestry Science Institute (Vietnam)

Group Photo Taking

- 10:30-10:45 **Coffee Break**
- 10:45-11:15 **Keynote Speech**
Prof. Dr. Tuomas Valtonen (Finland):
Extending Concerted European Water Collaboration: a new Europe South-East Asia Water Platform
- 11:15-11:45 **Plenary Speaker 1:**
Prof. Dr. Robert McGovern (USA)
Plant Doctors: An Emerging Profession
- 11:45-12:15 **Plenary Speaker 2:**
Prof. Dr. Choong K. Kang (South Korea)
World of Bioactive Compounds in the Nature
- 12:15-13:30 **Lunch Break/Posters Viewing and Judging**
- 13:30-14:00 **Plenary Speaker 3 :**
Prof. Hiroyuki Konuma (Japan)
Global and Regional Food Security and the Role of Agricultural Research towards Food Secured Future
- 14:00–14:30 **Plenary Speaker 4:**
Prof. Dr. Rajeev Bhat (Malaysia)
Sustainability Challenges in the ASEAN Region – An Insight into the Food – Energy – Water Nexus
- 14:30 -15:00 **Plenary Speaker 5:**
Provincial Governor Antonio Herrera Cerilles (Philippines)
Gahung-gahong Organic & Diversified Cassava-based Farming Innovation: A Climate Change Adaptive and Poverty Alleviating Farming Strategy
- 15:00-15:40 **Coffee break/Poster Viewing and Judging**

RESEARCH FORUM

DAY 1: 27 November 2015, the 2nd floor, CWD hotel

27 November 2015, the 2nd floor, CWD HOTEL

Session 1 : **Organic Agriculture, Biodiversity and Biotechnology**
(Room No.1 inside the Ballroom)

Chair : **Prof. Dr. Riad Sedki Riad El-Mohamedy (Egypt)**

Co-chair : **Prof. Dr. Rajeev Bhat (Malaysia)**

15:40-16:00 Nutraceuticals and Functional Foods Derived from Organic Agriculture
Invited speaker: Prof. Dr. Kampon Sriwatanakul (Thailand)

16:00-16:20 Research on Agricultural Inputs for Organic Crop Production
Assoc. Prof. Dr Kasem Soyong (Thailand)

16:20-16:40 Biological products produced by ATQ in Vietnam
Nguyen The Quyet (Vietnam)

16:40-17:00 Increasing SRI-Organic Rice Yields through Double Rows Planting
Pattern and Using Location and Season Adapted Rice Cultivar
Teodoro C. Mendoza (Philippines)

17:00-17:20 Evaluation of Tithonia-Enriched Liquid Organic Fertilizer for Organic
Carrot Production
Fahrurrozi (Indonesia)

17:20-17:40 Biological Preparations Developed by Belarusian State University for
Environmentally Friendly Farming
Grineva I.A. (Republic of Belarus)

17:40-18:00 Eco-Friendly Fungicides Alternatives to Control Soil Borne Fungal
Diseases on Some Economic Crops Under Organic Farming System.
Invited Speaker: Prof. Dr. Riad Sedki Riad El-Mohamedy (Egypt)

18:00 Welcome Dinner

Session 2 : Plant Pest Management and Related Fields

(Room No.2 inside the Ballroom)

Chair : Prof. Dr. Robert McGovern (USA)

Co-chair : Prof. Dr. Somdej Kanokmedhakul (Thailand)

15:40-16:00 Efficacy of Extracts of Water Yam (*Dioscorea alata*) and Aerial Yam (*Dioscorea bulbifera*) Peels in the Control of White Yam (*Dioscorea rotundata*) Rot.

Invited Speaker: Prof.Dr. Raphael N. Okingbo (Nigeria)

16:00-16:20 Herbs and Spices: Plants Protecting Plants

Invited Speaker: Prof. Dr. Cynthia C. Divina (Philippines)

16:20-16:40 Bioactive Secondary Metabolites from the Fungi and Mushrooms

Invited Speaker: Prof. Dr. Somdej Kanokmedhakul (Thailand)

16:40-17:00 Fungal Inhibiting Capability of an Ethnobotanical Plant from Imugan, Nueva Vizcaya against *Fusarium oxysporum* and *Fusarium moniliforme*
James K.S. Jacob **(Philippines)**

17:00-17:20 Suitability of Solvent System for Extraction of Allelochemicals from *Melia Azedarach*

Pattharin Wichittrakam (Thailand)

17:20-17:40 Bioconversion of Philippine Oil to Biologically Active Hydroxy Fatty Acid 7,10-dihydroxy-8(E)-octadecenoic acid (DOD) by *Pseudomonas aeruginosa* PR3

Joel B. Ellamar (Philippines)

17:40-18:00 Allelopathic Effect of *Bidens pilosa* var. *Radiata* and Its Utilization to Control Weed in Rice

Ramida Krumsri (Thailand)

18:00 **Welcome Dinner**

Session 3	: Agricultural Development and Related Fields (Room No.3 inside the Ballroom)
Chair	: Prof. Dr. Cynthia C. Divina (Philippines)
Co-chair	: Dr. Ohnmar Myo Aung (Myanmar)
15:40-16:00	Commercial Development of the Ostrich Industry in Botswana Invited Speaker: John C. Moreki (Botswana)
16:00-16:20	Carbon Massflow and Greenhouse Gases Emission from Pork and Goat Meat Productions in Thailand: Case Study of Nakhon Ratchasima, Chon Buri and Prachin Buri Provinces Panisara Vichairattanatragul (Thailand)
16:20-16:40	RT-LAMP Test Kit: A New Generation of Molecular Quick Test Kit for Porcine Epidemic Diarrhea Virus (PEDV) Clarissa Y.J. Domingo (Philippines)
16:40-17:00	The Desires of People to Fattening Mud Crab in The Mangrove of La-ngu District, Satun Province Natpatcharakarn Kaewploy (Thailand)
17:00-17:20	Column Study of Nitrate Downward Movement and Selected Soil Chemical Properties' Changes in Mine Spoiled Soil as Influenced by Liquid Organic Fertilize Zainal Mukhtar (Indonesia)
17:20-17:40	Factor Condition of Animal Science Farms in Institutes of Vocational in Agriculture of Northeastern Region, Thailand Rongsan Panyakorn (Thailand)
17:40-18:00	Needs for the Development of a School Agricultural Learning Center (SALC) Model of Students' Guardians, Praibueng Wittaya School, Praibueng District, Srisaket Province Wattana Saduak (Thailand)
18:00	Welcome Dinner

Session 4	: Crop Production and General Agriculture (RoomNo.4)
Chair	: Prof. Dr. Akira Suzuki (Japan)
Co-chair	: Assoc. Prof. Dr. Younes Rezaee Danesh (Iran)
15:40-16:00	Mushroom Production in Japan Invited Speaker: Prof. Dr. Akira Suzuki (Japan)
16:00-16:20	Truffles: What We Know and What We Should Know Invited speaker: Assoc. Prof. Dr. Younes Rezaee Danesh (Iran)
16:20-16:40	Accounting Development for Sustainable Production of Indigenous Rice in Southern Part of Thailand Unchalee Sondee (Thailand)
16:40-17:00	The Potential of Phytohumins Compounds (PHC) as Standard Preparations to Increase Productivity of Agricultural Crops Prof. Nowick Wolfgang (Germany)
17:00-17:20	Growth, Yield Components, Agronomic Traits, Kernel Yield, Cost and Benefit of the NK48 Corn Genotype Grown in Tillage and No-Tillage Soils with Different Rice Residue Management Practices Bancha Wiangsamut (Thailand)
17:20-17:40	Monitoring and Assessment of Fatty Acid Methyl Esters from Bt and non-Bt Cotton Cultivated Soils in Northern Karnataka, India Thangadurai Devarajan (India)
17:40-18:00	Poster viewing
18:00	Welcome Dinner

Session 5	Topic 1: Sustainable Water Management Forum (Room No. 5)
Chair:	: Prof. Dr. Timo K. Korpela (Finland)
Co-chairs	: Prof. Dr. Tuomas Valtonen (Finland) : Assist. Prof. Dr. Wattanachai Pongnak (Thailand)
15:40-16:00	Overview of the Scientific Forum Prof. Dr. Timo K. Korpela (Finland)
16:00-16:20	Global Water Challenges and Emerging Opportunities for Cooperation between Europe and Southeast Asia Prof. Dr. Tuomas Valtonen (Finland)
16:20-16:40	Macroinvertebrates as Bioindicators of Water Quality in Bongoy River, Odiongan, Romblon, Philippines Alwin F. Maulion (Philippines)
16:40-17:00	Water Circular Economy Mikael Seppälä (Finland)
17:00-17:20	Environmental Projects with Finnish Partners – Case: Water Projects Peter Jahn (Finland)
17:20-17:40	A Solution for Improved Information Management– Case Study Vietnam Dr. Marjo Paavola (Finland)
17:40-18:00	Agriculture and Livelihood Flood Impact Assesment in Myanmar Aung Swe (Myanmar)
18:00	Welcome Dinner

DAY 2: 28 November 2015, the 2nd floor, CWD HOTEL

Session 1	: Organic Agriculture, Biodiversity and Biotechnology (Room No.1 inside the Ballroom)
Chair	: Prof. Dr. Riad Sedki Riad El-Mohamedy (Egypt)
Co-chair	: Prof. Dr. Rajeev Bhat (Malaysia)
8:00-8:20	Utilization of Manure and Green Composts as Supplemental of Mineral Fertilizers on Cauliflowers M. Simamata (Indonesia)
8:20-8:40	Influence of Different Type of Culture Media and Activated Charcoal on Callus Induction and Shoot Multiplication of <i>Cadaminelyrata</i> Sakularat Sanputawong (Thailand)
8:40-9:00	Weed Based Organic Fertilizer to Reduce Application of Synthetic Fertilizer in Mustard (<i>Brassicasinensis</i> L.) N. Setyowati (Indonesia)
9:00-9:20	Comparison among Chemical, GAP and Organic Methods for Tea Cultivation in Vietnam Nguyen H. Phong (Vietnam)
9:20-9:40	Organic Agricultural Producer Strategies in Supply Chain of Sustainable Agriculture Network, Chachoengsao Province, Thailand Chanhathai Kerdsriseam (Thailand)
9:40-10:00	Nano-Particles Derived from <i>Chaetomium globosum</i> KMITL-N0805 against Leaf Spot of Rice var. Sen Pidao in Cambodia Huyly Tann (Cambodia)
10:00-10:15	Coffee Break/Posters Viewing and Judging
10:15-10:35	Impact of Biofuel Production on Hydrology: A Case Study of Khlong Phlo Watershed in Thailand Songvoot Sangchan (Thailand)
10:35-10:55	Contributions for Study on Diversity of Some Medicinal Plants in Hon Ba Nature Reserve, Khanh Hoa Province Tran T.N. Diep (Vietnam)
10:55-11:15	Species Diversity of Benthic Macrofauna on the Intertidal Zone of Seacoasts in Krabi, Trang and Satun Provinces, Thailand Suwit Jitpukdee (Thailand)
11:15-11:35	Ectoparasites Associated with Bats in Tropical Forest of Northeastern Thailand Sarawee Aroon (Thailand)
11:35-11:55	Genetic Variability Analysis in Rice Mutant Lines from Gamma Rays Radiation Using Agro-Morphological and SSR Marker Ng. T. Hong (Vietnam)

11:55-13:30	Lunch Break/Posters Viewing and Judging
13:30-13:50	Assessment of Genetic Diversity and Relationships among <i>Charadrius mongolus</i> and <i>Charadrius leschenaultii</i> Using AFLP Markers Supattra Poeaim (Thailand)
13:50-14:10	Study on <i>Chrysanthemums</i> Breeding by Gamma (Co60) Irradiation on Callus of 4 Exotic <i>Chrysanthemum</i> Varieties of Agricultural Genetic Institute Nguyen T. Tham (Vietnam)
14:10-14:30	Distribution of Harpagophorid millipedes in Different tropical Forest Types Sirirut Sukteeka (Thailand)
14:30-14:50	Poster viewing
14:50-16:30	Coffee Break/Poster viewing and judging
16:30	Closing Ceremonies Awarding Best Papers and Best Posters Closing Remarks at Ballroom Hall Announcement for ICIST 2016 and imagine song
18:00	Dinner

Session 2	: Plant Pest Management and Related Fields
Chair	(Room No.2 inside the Ballroom)
Co-chair	: Prof. Dr. Robert McGovern (USA)
	: Prof. Dr. Somdej Kanokmedhakul (Thailand)
8:00-8:20	Documentation of the Practice of Entomophagy in Sekoma, Botswana Invited Speaker: John C. Moreki (Botswana)
8:20-8:40	Population Dynamics of Insects Associated with Dragon Fruit (<i>Hylocereus</i> sp.) Jaypee H. Estigoy (Philippines)
8:40-9:00	The Relationships between Thrips Populations and Climatic Factors, Mangosteen Development Stage in Nakhon Si Thammarat Province, Thailand Tipawan Thongjua (Thailand)
9:00-9:20	Identifications of <i>Phytophthora</i> spp. Causing Citrus Root Rots in Thailand Phung M. Hung (Vietnam)
9:20-9:40	The Occurrence and the Approach to Control of Root and Foot Rot of Pummelo (<i>Citrus maxima</i> (Burm.) Merr.) var. Tabtimsiam in Nakhom Si Thammarat Province Chaisit Preecha (Thailand)
9:40-10:00	Application of New Bio-formulation for Bio-Control of <i>Colletotrichum coffeanum</i> Causing Coffee Anthracnose in Arabica Variety in Laos Somlit Vilavong (Laos)
10:00-10:15	Coffee Break/Posters Viewing and Judging
10:15-10:35	Antifertility and Cytotoxicity Properties of <i>Auricularia</i> sp. Hezekiah Mirielle P. Aguinaldo (Philippines)
10:35-10:55	Nano Particle from <i>Chaetomium</i> spp. Applying in Rice Rujira Tongon (Thailand)
10:55-11:15	Bioactivity of Endophytic Fungi from Palm Trees against Chilli Anthracnose Caused by <i>Colletotrichum capsici</i> Song Jiaojiao (China)
11:15-11:35	Antifungal Activity of <i>Talaromyces flavus</i> against Coffee Anthracnose Mayamor Soyong (Thailand)
11:35-11:55	Antifungal Activities of 3 Endophytic Fungi Isolated from Orchids against <i>Colletotrichum</i> sp. Caused Anthracnose in Orchid Vannak Sour (Cambodia)
11:55-13:30	Lunch Break/Posters Viewing and Judging
13:30-13:50	Biological Activity of Metabolites from <i>Lepiota procera</i> against Plant Pathogens Phaophilat Phadungpran (Thailand)
13:50-14:10	Study to Apply <i>Chaetomium</i> to Control Anthracnose and Root Rot on Tea

	(<i>Camellia sinensis</i>) in Vietnam Nguyen V. Thiep (Vietnam)
14:10-14:30	Poster viewing
14:30-16:30	Coffee Break/Posters Viewing and Judging
16:30	Closing Ceremonies Awarding Best Papers and Best Posters Closing Remarks at Ballroom Hall: Prof.Dr. Divina Cynthia and Assoc. Prof. Dr. Kasem Soyong - Announcement for ICIST 2016 and imagine song
18:00	Dinner

Session 3	: Agricultural Development and Related Fields (Room No.3 inside the Ballroom)
Chair	: Prof. Dr. Cynthia C. Divina (Philippines)
Co-chair	: Dr. Ohnmar Myo Aung (Myanmar)
8:00-8:20	Socio-Economic Factors Influencing Rice Production in Peri-Urban Area, Bangkok, Thailand Sasima Fakkhong (Thailand)
8:20-8:40	Quorum Sensing Inhibition by Philippine Ethnobotanicals Wilson R. Jacinto (Philippines)
8:40-9:00	Community Participation in Agro-tourism Development at Klongplu, Khaokitchakood, Chanthaburi Province Preeyanan Sittijinda (Thailand)
9:00-9:20	Hotel Businesses and Their Connection to Local Governments: A Comparative Case Study between Chao Samran Beach and Cha-am Beach Apirat Udomsup (Thailand)
9:20-9:40	Model of Cremation Aid Association System for Bank for Agriculture and Agricultural Cooperatives (BAAC) Clients, Thailand Nuttasit Kaekoon (Thailand)
9:40-10:00	The Model Development of Agricultural Education Management of Buriram Rajabhat University: A Case Study of the Opinion on Informal Education Araya Musika (Thailand)
10:00-10:15	Coffee Break/Posters Viewing and Judging
10:15-10:35	Needs for Developing Sustainable Agricultural Learning Sources in Wangkwang Community, Nam Nao District, Phetchabun Province Tawit Rasee (Thailand)
10:35-10:55	Standardization and Commercialization of Chevron Products Fredisminda M. Dolojan (Philippines)
11:55-13:30	Lunch Break/Posters Viewing and Judging
16:30	Closing Ceremonies <ul style="list-style-type: none"> - Awarding Best Papers and Best Posters - Closing Remarks at Ballroom Hall: Prof. Dr. Divina Cynthia and Assoc. Prof. Dr. Kasem Soyong - Announcement for ICIST 2016 and imagine song
18:00	Dinner

Session 4	Crop Production and General Agriculture (Room No.4)
Chair	Prof. Dr. Akira Suzuki (Japan)
Co-chair	: Assoc. Prof. Dr. Younes Rezaee Danesh (Iran)
8:00-8:20	The Effect of Fertilizers Application on Growth and Tuber Quality of Jerusalem Artichoke Cha-on Juyjaeng (Thailand)
8:20-8:40	Effect of N, P, K Fertilizer Dose on the Yield and Quality of Rice Variety PB53 Hoang M. Thao (Vietnam)
8:40-9:00	Growth Performance of Young Rubber, Soil and Leaf Nutrient as Affected by Soil Conservation Systems: A Case Study in Northern Thailand Nuttapon Khongdee (Thailand)
9:00-9:20	Study on Finding of Density Affects Taro Intercropped with Acacia in the Agro-forestry in Backan Province, Vietnam Nguyen H. La (Vietnam)
9:20-9:40	Screening of Allelopathic Potential of 18 Leguminous Plants on Germination and Growth of Bamyardgrass T. Poonpaiboonpipattana (Thailand)
9:40-10:00	Effect of Different Additives in Silages Made from Durian Peel Wichai Suphalucksana (Thailand)
10:00-10:15	Coffee Break/Posters Viewing and Judging
10:15-10:35	Development of Spawn Culture Material from Reused Spawn for Cultivation Split Gill Mushroom (<i>Schizophyllum commune</i>). Chaisit Preecha (Thailand)
10:35-10:55	Additional Finding Nutrition or Growth Regulator through the Root and Foliar for Hac Tri Persimmon in Phu Tho, Vietnam Ha Q. Thuong (Vietnam)
10:55-11:15	Influence of High Temperature on α -Amylase Activity and Seed Germination of <i>Oryza sativa</i> Pattawee Amompipat (Thailand)
11:15-11:35	Result of Breeding and Selecting High Amino Acid and Reduced Sugar Content-Tea Varieties for High Quality Green Tea Processing in Vietnam Phung L. Quyen (Vietnam)
11:35-11:55	Influence of High Temperature on α -Amylase Activity and Seed Germination of <i>Oryza sativa</i> Pattawee Amompipat (Thailand)
11:55-13:30	Lunch Break/Posters Viewing and Judging To Study the Effect of Microbial Products on Yield and Quality of Tea and Soil Properties

13:30-13:50	Ha T.T. Doan (Vietnam) Effect of Crop Load on Fruit Development and Fruit Quality of Pummelo var. Tabtimsiam Sompom Na Nakom (Thailand)
13:50-14:10	Preliminary Investigation of Rambutan Sugar Granule Production Process Kannikar Charoensuk (Thailand)
14:10-14:30	Effect of Blanching Process on B-Glucan Content of Native Mushrooms in Thailand N. Mongkontanawat (Thailand)
14:30-14:50	Use of Ambient Upland Rice Fermented Vinegar Vapor to Extend Shelf Life of Sweet Basil (<i>Ocimum basilicum</i> Linn.) Kanokpom Changsawake (Thailand)
14:50-15:10	Evaluation of tea genetic resource in Vietnam as the basis to select new tea clone with drought tolerance Nguyen T.T Ha (Vietnam)
15:10-15:50	Poster viewing
15:50-16:30	Coffee break/Posters Viewing and Judging
16:30	Closing Ceremonies <ul style="list-style-type: none"> - Awarding Best Papers and Best Posters - Closing Remarks at Ballroom Hall: Prof.Dr. Divina Cynthia and Assoc. Prof. Dr. Kasem Soyong - Announcement for ICIST 2016 and imagine song
18:00	Dinner

Session 5	: Topic 2: Animal and Fishery Sciences (Room No. 5)
Chair:	: Prof. Dr. John Moreki (Botswana)
Co-chair	: Assoc. Prof. Dr. Virapol Jamsawat (Thailand)
8:00-8:20	Effects of PGF ₂ α and GnRH on Reproductive Performance of Cattle and Buffaloes in Thailand and Philippines Invited Speaker: Assoc. Prof. Dr. Virapol Jamsawat (Thailand)
8:20-8:40	Effects of Steroid Glycosides - Plant Extracts on Reproduction Function in Rats Tatiana G. Stratulat (Moldova)
8:40-9:00	Post Mortem Viability of Epididymal Sperm from Philippine Native Water Buffalo (<i>Bubalus bubalis</i>) Edeneil Jerome P. Valet (Philippines)
	Knowledge Management Adoption of Animal Husbandry on Broiler Farms in Western Thailand Wuttikom Injana (Thailand)
9:00-9:20	Practical Application of Medical Plant Powders as An Alternative of Antibiotic Growth Promotor in Pig Feed Nguyen T. Nang (Vietnam)
9:20-9:40	Strategies to Improve the Developmental Competence of Water Buffalo Oocytes In Vitro Marlon B. Ocampo (Philippines)
9:40-10:00	Ethnoveterinary Technology for Parasite Dewormer to Support Goat-Oil Palm Integration in Bengkulu Indonesia Tatik Suteky (Indonesia)
10:00-10:15	Coffee Break/Posters Viewing and Judging
	Carbon Emission from Energy Use in Thai Native Chicken Production in Nakhon Ratchasima Province, Thailand Panisara Vichiratanatrakul (Thailand)
10:15-10:35	A Protocol for the in <i>Vitro</i> Production of Bubaline Embryos: The Philippine Experience Lema C. Ocampo (Philippines)
10:35-10:55	The Efficiency of Feed Additives on Silage Making for Cattle Settasit Sangsophonjit (Thailand)
10:55-11:15	Effects of Stocking Density, Feed and Hormones on Artificial Reproduction of Tire Track Ell (<i>Mastacembelus armatus</i>) Phan T. Yen (Vietnam)
11:15-11:35	Assessment of Heavy Metals in Fish and Water in Cage Fish Culture at Loei River, Loei Province Netnapa Pongpetch (Thailand)
11:35-11:55	Non-Experimental Validation of the Effectiveness of Ethno-Veterinary

	Botanical Medicine (EVB-M) Materials Used in the Municipality of Echague Isabela Leah S. Guzman (Philippines)
11:55-13:30	Lunch Break/Posters Viewing and Judging
13:30-13:50	Effects of Methyl Farnesoate on Spawning Stimulation in Blue Swimming Crab Chongco Saetung (Thailand)
13:50-14:10	Determination of 1-Hydroxyrene and 2-Naphthol in Intertidal Rocky Shore Macrobenthos Following Oil Spill at Ao Prao, Samet Island Jindarha Prempramote (Thailand)
14:10-14:30	Folic Acid Supplementation for Bovine Oocyte Maturation and Fertilization in <i>Vitro</i> Karlo Tawatao (Philippines)
14:30-14:50	Sex Identification in Barn Swallows (<i>Hirundo rustica</i> Linnaeus) by Molecular Technique Thanyalak Malaitad (Thailand)
14:50-15:20	Evaluating Rotational Grazing Technology for Integrated Bali Cattle-Oil Palm System on Herbage Production to Support Sustainable Meat Production in Bengkulu Province, Indonesia Dwatmadji (Indonesia)
15:20-15:40	Abundance and Species Composition of Demersal Fish, with Descriptions of Dominance Species in Moo-Kho Bulon, Satun Province, Thailand Promhom Samphan (Thailand)
15:40-16:30	Coffee break/Poster viewing and judging
16:30	Closing Ceremonies <ul style="list-style-type: none"> - Awarding Best Papers and Best Posters - Closing Remarks at Ballroom Hall: Prof. Dr. Divina Cynthia and Assoc. Prof. Dr. Kasem Soyong - Announcement for ICIST 2016 and Imagine song
18:00	Dinner

List of Posters

1. Advanced Research on Phosphorus and Potassium Biofertilizers Used for Organic Crop Production
W. Pongnak, K. Soyong
(Thailand)
2. Amino Acid Composition and Nutritional Value of Seed Proteins in Some Sesame (*Sesamum indicum* L.) Cultivars Grown in Vietnam
Tran T.T. Huyen, Nguyen V. Mui, Cao P. Bang
(Vietnam)
3. Antagonism of *Chaetomium* spp. and Their Ability to Control Citrus Root Rot Caused by *Phytophthora parasitica* in Vietnam
Nguyen T. Quyet, Ha V. Cuong, Le T.A. Hong, K. Soyong
(Vietnam)
4. Application of Gamma Rays Irradiation and Marker Assisted Selection for Improving of Bacterial Leaf Blight Resistant Rice Variety BT62.1
Vo T.M. Tuyen, Nguyen T. Hong, Phan Q. My, Nguyen T. Hue, Le H. Ham
(Vietnam)
5. Attraction Effect of Thrips (Thysanoptera: Thripidae) to Sticky Trap Color on Orchid Greenhouse Condition
T. Thongjua, J. Thongjua, J. Sriwareen
(Thailand)
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