

# Presentation Schedules

## DAY ONE: 16 December 2015

**S01:** **ENERGY 1** **Tonle Chaktomuk**  
**13:45 – 15:00**  
**Session Chairperson: Assoc. Prof. Dr. Rikke Lybaek, University of Roskilde, Denmark**

- |      |  |                 |
|------|--|-----------------|
| E-01 | Optimizing Experimental Condition of Biogas Production from Elephant Manure and Rice Straw with Chicken Dung as Inoculum in a Mesophilic Lab-Scale<br><i>Kodchasorn Hussaro, Leartluck Saitawee, Naphon Keanoi and Sombat Teekasap</i>   | <i>Thailand</i> |
| E-02 | Biogas application options within milk dairy cooperatives in Thailand Case study Tambon Ban Kor, Khon Kaen<br><i>Rikke Lybæk, and Kritapon Sommart</i>   | <i>Denmark</i>  |
| E-03 | Influence of Pyrolysis Temperature on Products Yield and Bio-Oil Product from Leucaena Leucocephala Branches, Cassava Root and Eucalyptus Branches Via Fast Pyrolysis<br><i>Piroon Wiriyaparakob, Kodchasorn Hussaro, Issaree Hunsacharooroj, and Sombat Teekasap</i>  | <i>Thailand</i> |
| E-04 | Load Flow Analysis of Distribution Power System Including Wind Farm with Asynchronous Generators Represented by RX Model Using Newton Raphson Method<br><i>Trong Tuan Phan, and Van Liem Nguyen</i>  | <i>Vietnam</i>  |
| E-17 | Analysis of Electric Field and Magnetic Field from Overhead Subtransmission Lines Affecting Occupational Health and Safety in MEA's Power System<br><i>Att Phayomhom, Member, IEEE, Tirapong Kasirawat, Surasak Phontusa, Jarin Halapee, Boonserm Ainsuk, Kiatiyuth Kveeyarn, Nattachote Rugthaicharoencheep, Member, IEEE and Arwut Puttarach</i> | <i>Thailand</i> |

**S02:** **ENVIRONMENT 1** **Orchid 2**  
**13:45 – 15:00**  
**Session Chairperson: Mr. Cherid Kalayanamitr, EGAT, Thailand**

- |        |   |                 |
|--------|---|-----------------|
| ENV-01 | Green Infrastructure for Buildings in the Tropical Coupling with Domestic Wastewater Treatment<br><i>Vo Thi Dieu Hien and Bui Xuan Thanh</i>  | <i>Vietnam</i>  |
| ENV-02 | Experiments on Co-composting between Chicken Manure and Vegetable Waste for Sustainable Solid Waste<br><i>Linh Hoang Tran and Taweep Chaisomphob</i>  | <i>Thailand</i> |
| ENV-03 | Transplantation of Tropical Seagrass <i>Enhalus acoroides</i> (L.) in Thai Coastal Water: Implication for Habitat Restoration<br><i>Tritep Vichkovitten, Alongot Intarachart, Kanokwan Khaodon, and Saroj Rermdumri</i> | <i>Thailand</i> |

ENV-04	A Multi-Sectoral Survey on Awareness and Practices of Pesticide Application in Tanzania <i>Mwema Felix, and Alice Sharp</i>	Thailand
ENV-05	Generation and Current Management Status of WEEE in Vietnam: Case Study of Hanoi <i>Thao Quoc Tran, Alice Sharp, Jun Nakatani, and Yuichi Moriguchi</i>	Thailand
ENV-07	The Use of Fly Ash as Adsorbent for Color Removal of Pulp and Paper Industry Wastewater <i>Yuvarat Ngernyen, Thitima Nikronsangkhaphinit and Sinsupa Kaewketkam</i>	Thailand
ENV-08	Degradation of Humic Acid by Using TiO <sub>2</sub> Photocatalyst <i>Putri Ardyarini, and Sandhya Babel</i>	Thailand
ENV-09	Partial Purification and Identification of Antioxidative and Angiotensin I-Converting Enzyme Inhibitory Peptide Derived from Yellowfin Tuna Byproducts <i>Hathaigan Kokkaew, and Supawan Thawornchisombut</i>	Thailand
ENV-10	Arbuscular mycorrhizal fungi in rhizosphere of vetiver grass in Huay Sai Royal Development Study Centre, Phetchabuti province <i>Cherdchai Phosri, Nuttika Suwannasai, and Rungpetch Khaengraeng</i>	Thailand

**S03: ENERGY 2 Tonle Chaktomuk**  
**15:15 – 17:30**  
**Session Chairperson: Prof. Yaw-Juen Wang, National Yunlin University of Science and Technology, Taiwan**

E-05	Can Nuclear Energy Power a Sustainable Future? <i>Olivier Gervais</i>	Japan
E-06	Illuminance and luminance for LED street light optic designs: Comparison between big lens and small lens <i>Witoon Prommee and Napaporn Phuangpornpitak</i>	Thailand
E-07	Time Domain Monte Carlo Simulation of Partial Shading of Photovoltaic Arrays <i>Yaw-Juen Wang and Po-Siang Huang</i>	Taiwan
E-08	Program Development for Condition and Importance Assessment of High Voltage Transmission Line <i>Waraporn Luejai, Cattareeya Suwanasri* and Thanapong Suwanasri</i>	Thailand
E-09	Maximum Power Point Tracking For Stand-Alone Wind Turbine System Using Permanent Magnet Synchronous Generator <i>Quang Minh Huynh and Trong Tuan Phan</i>	Vietnam
E-10	Analysis of Specific Energy Consumption for Chiller Using Chiller Optimizer: Case Study Centrara Hotel Hat Yai <i>Peera Kum-iam, Ratthasak Prommas, T. Bunnag, and Kodchasorn Hussaro</i>	Thailand

**S04: SOCIAL DEVELOPMENT 1 Orchid 2**  
**15:15 – 17:30**

**Session Chairperson: Dr. Pensri Jaroenwanit, Khon Kaen University, Thailand**

SD-01	Hydrological Study of Flood and Drought in Tonle Sap Watershed <i>Senrong Sou, Joo-Cheol Kim, Hyunsoek Lee, Sarann Ly, Giha Lee, and Kwansue Jung</i>	South Korea
SD-02	Mawlamyine as A Commercial City in Greater Mekong Subregion <i>Yin Min Paik and Wyityi Win</i>	Myanmar
SD-03	Rural Socio-Economic Development: Sustainable Agriculture depended on Utilizing Regional Resources Comparasion Japan and Thailand <i>Saifon Suindramedhi, Hiromi Tokuda and Hiroshi Ehara</i>	Thailand
SD-04	Is Corporate Social Responsibility Always a Good Thing? <i>Siriwan Kaewchird</i>	Thailand
SD-05	Norodom Sihanouk's Special Relationship with North Korea: A Preliminary Survey <i>Sitthiphon Kruarattikan</i>	Thailand
SD-06	Prediction of Flood Area Based on the Occurrence of Rainfall Intensity <i>Agus Suharyanto</i>	Indonesia
SD-10	Corporate Social Responsibility Strategy of Business Organization by Using School as the Medium to Commnity <i>Pensri Jaroenwanit, and Supot Deeboonmee</i>	Thailand

**DAY THREE: 18 December 2015**

**S05: ENERGY 3 Tonle Chaktomuk**  
**10:00 – 11:45**

**Session Chairperson: Dr. Napaporn Phuangsornpitak, Kasetsart University Sakon Nakhon Campus, Thailand**

E-11	Economic Evaluation for Pricing on Alternative Energy <i>Chanon Phaepilin, Ronayut Teetong and Karinya Panpuek</i>	Thailand
E-12	Life Cycle Assessment of Power Generation from Renewable Energy in Thailand <i>Wasin Khaenson, Somchai Maneewan, Chantana Punlek, Sirinuch Chindaraksa, and Ninnart Rachapradit</i>	Thailand
E-13	An Improved ATP PV cell Model Considering Temperature Effects <i>Yaw-Juen Wang, and Po-Siang Huang</i>	Taiwan
E-14	A Study of Electricity Demand Forecasting for Power System Management <i>Napaporn Phuangsornpitak, and Witoon Prommee</i>	Thailand
E-15	Locating of Ethanol Collecting Centers in Thai Ethanol Supply Chain <i>Rojanee Homchalee, and Weerapat Sessomboon</i>	Thailand
E-16	A Study of Energy Potential of Bio-oil Production from Agriculture Residue in the Lao People's Democratic Republic <i>Sengvisay Khammanivong, and Ratchaphon Suntivarakorn</i>	Thailand

**S06:**  
**10:00 – 11:45**

**SOCIAL DEVELOPMENT 2**

**Orchird 2**

**Session Chairperson: Dr. Weerapat Sessomboon, Khon Kaen University, Thailand**

SD-07	Marine Biodiversity Conservation Program, Practices and Utilization in Bohol <i>Allan Paul D. Sandigan, and Clyde M. Bodiongan</i>	<i>Philippines</i>
SD-09	Guidelines for Development of High-quality Beef Production Chain and Logistics Network in the Northeast of Thailand <i>Duenrung Suwannasopa, and Weerapat Sessomboon</i>	<i>Thailand</i>
SD-11	Recent changes in agricultural land use in the riverine area of Nakhon Phanom <i>Sorat Praweenwongwuthi, Tewin Kaewmuangmoon, Attachai Jintrawet, and A. Terry Rambo</i>	<i>Thailand</i>
SD-12	Satisfaction of Health Services among Older People Living with Chronic Diseases in Municipal Areas of Nakhon Phanom <i>Phatcha Hirunwatthanakul, and Somsaowanuch Chamusri</i>	<i>Thailand</i>
SD-13	Transforming Politics of Land Governance into Green Development: Analysis of Drivers of Change and Strategies to Promote Sustainable Land Use Planning in Northeastern Cambodia <i>NETH Baromey and RITH Sam Oi</i>	<i>Cambodia</i>
SD-14	Integrated Livelihood Strategies for Integration of Indigenous Communities into Modern Economy and Novel Conservation: Case Study of Ratanakiri Province, Cambodia <i>NETH Baromey and RITH Sam Oi</i>	<i>Cambodia</i>