

SCIENCE AND TECHNOLOGY SESSION

Activity Program

The Regional Challenges and Opportunities of Sustainable Science and Technology

Morning Activity

Oral Presentation: By Staff and Students from CMU (2 pax), KU (4 pax) and NCYU (3 pax)

Locations: Exhibition Hall, RSP North Building

Tentative Schedule

Time	Activities
Room 1:	Exhibition Hall
09:15 - 09:30	Enhancing Carboxymethyl Chitosan Film Properties through High Substitution Synthesis: The Role of Particle Size Dependency. by Dr. Sarinthip Thanakkasaraanee: CMU
09:30 – 09:45	Novel phosphor materials for next-generation white LEDs or full-color-afterglow indicators. By Prof. Dr. Hayato Miyagawa: KU
09:45 – 10:00	A Machine Learning Based Estimation of the Proportion of Anthracnose on mango fruit surfaces - Using 2D and flatten Mango Images as Training Set. Prof. Roy Chaoming Shu: NCYU
10:00 – 10:15	CM Water Forecast Mobile Application Version 1.0 by Asst. Prof. Dr. Tawee Chaipimonplin: CMU
10:15 – 10:30	Development of supported iridium catalysts for the green synthesis of N-containing chemicals. by Prof. Dr. Kenji Wada: KU
10:30 – 10:45	Refreshment Break
10:45 – 11:00	Deep Research of Wind Power Techniques and Ocean Wave-Driven Electricity Generation for Promoting Advanced Science Education. by Prof. Chiung-Wu Su: NCYU
11:00 – 11:15	Design Support Technique for Industrial Equipment to Reduce Environmental Impact. by Mr. So Fukuhara: KU
11:15 – 11:30	Wind in digital: anemometer data analysis. by Asst. Prof. Dr. Yusi Shih: NCYU
11:30 – 11:45	Maintenance Technology for Extending the Lifespan of Highways to Promote Sustainable Infrastructure (Reproduction of Damaged Concrete in Computer Simulation) by Mr. Hyuta Ki: KU
11:45 – 13:00	Lunch

Remark: The schedule is subject to change as appropriate.

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Afternoon Activity

Locations: RSP North Building

Tentative Schedule

Time	Activities
13:00 – 13:30	“Regional Challenges and Opportunities in Sustainable Science and Technology Futures” by Assoc. Prof. Dr. Pitiwat Wattanachai
13:30 – 16:00	Technical Visit (STeP): Group 1: FoodFabr / ABPlas / CIMO / FABLAB / INNO Store Group 2: FABLAB / CIMO / ABPlas / FoodFabr / INNO Store
16:00 – 16:20	Refreshment Break
16:30 – 16:50	Travel from RSP North Building to hotel by van
17:00 – 18:00	Preparing for dinner
18:30 – 20:00	Dinner at Thajene Chomchan Seafood restaurant

Remark: The schedule is subject to change as appropriate.

Dinner: Thajene Chomchan Seafood restaurant