

## Final Presentation Program

- 8:30 Registration  
8:45 Welcome Speech  
Professor Voravee Hoven, Head of Department of Chemistry  
Greeting Speech  
Professor Stephan Sturm, Project Advisor, Worcester Polytechnic Institute, USA  
Opening Speech  
Dean of Faculty of Science, Chulalongkorn University

### Presentation Session I Urban Life

*Chair: Professor Supawan Tantayanon*

- 9:00 **IQPISSP2: Smart City – Can technology deliver a better quality of life?**  
*Ian Khung; Timothy Kwan; Ryan Luu; Shayla Nguyen; Kasin Onprasop; Thanyamai Prasongsukarn; Tanisa Saisod; Suparada Suwanlertlum*  
*Sponsor: Sisaket Municipality*
- 9:20 **IQPISSP1: Improving city competitiveness via transport mapping and design**  
*Chalisa Detchanun; Jake Feiss; Sakeena Ghandour; Thanakrit Jiansamanya; Niko Neathery; Nattamon Panichakul; Pakhin Pawornwitoon*  
*Sponsor: Sisaket Municipality*

### Presentation Session II Agribusiness

*Chair: Assistant Professor Numpon Insin*

- 9.40 **ISSP3: Building the next generation of tomato farmers in Northeastern Thailand**  
*Peemapat Jumrusprasert; Jiaxin Lin; Chanika Pongsiri; Nakamol Sansuktaweesub; Kitiiphan Srichantamit; Arraya Tanyanurak*  
*Sponsor: Doi Kham Food Products Co., Ltd.*
- 10.00 **IQPISSP4: Upgrading waste management options for a riverfront community**  
*Domenic DiCenso; Kanokporn Kaewnakian; Alex Kwan; Chutiwan Pattanavongthai; Aadhya Puttur; Noppasorn Swangswai; Sarunya Tangreun*  
*Sponsor: Amphawa Municipal District*
- 10.20 **IQPISSP6: Assessing the future of sustainable hemp-based packaging in Thai market**  
*Natthapat Chatthanayongphakdi; Abby Hyde; Asha Karmen-Chan; Sarisa Keittivuti; Jake Leavitte; Yosita Phailomwong; Porsuk Phlalop; Brian Shin*  
*Sponsor: Eastern Spectrum Group*

- 10:40 20 minutes Break

## **Presentation Session II : Protection and Conservation**

*Chair: Assistant Professor M.L. Siripastr Jayanta*

**11.00 IQPISSP3: Restoring Mrigadayavan Palace: Potentials for the application of ‘self-healing concrete’**

*Megan Cyr; Pimsucha Kanjchanapoomi; Tovah Lockwood; Alyssa Magaha; Natwara Manitsirisuk; Anne McNamara; Krittin Thasunthorn; Poom Ungolan*

*Sponsor: Mrigadayavan Palace*

**11:20 IQPISSP5: Minimizing ecological footprint of a natural resort**

*Bunnasorn Kaenrattana; Poomipat Laorsatiankul; Elise Nerden; Evan Rois; Vipakkapond Sakyapinan; Jane Spear; Woranuntha Varavarn Na Ayudhaya*

*Sponsor: River Kwai Park & Resort*

**11:40 ISSP2: Designing a sustainable coastal ecosystem management for communities in the South of Thailand**

*Surawat Chukaew; Atiwit Intarasorn; Kornkanok Paramesirikuntorn; Sasilak Pinwattanachai; Phattanan Pornsakulrat; Suchujnun Uparipahk*

*Sponsor: Population and Community Development Association*

**12.00 ISSP1: A space-based solution for earth observation: technology transfer and building user groups of user-friendly satellite data**

*Narutchai Arunrattanamukul; Thitaporn Petchpadoong; Proud Prakopvitayakit; Teerasit Saweephanlop; Tanatat Techadilok; Kevin Yuen*

*Sponsor: The Club of Recipients of Ananda Mahidol Foundation*

**12.20 Closing Meeting** *Professor Holly Ault*