

# Asia Research Node Symposium on Humanosphere Science

Organized by:

**School of Biological Sciences, Universiti Sains Malaysia**

**Research Institute for Sustainable Humanosphere (RISH), Kyoto University**

**Asia Research Node, RISH, Kyoto University**



Date: 20 – 21 February, 2017

Venue: School of Biological Sciences, Universiti Sains Malaysia (USM), Penang, Malaysia

## Program

20 February

**9:00 – 9:15 Opening remarks**

**9:15 – 10:05 Keynote lecture - Farid Nasir Ani (Universiti Teknologi Malaysia)**

*"Microwave pyrolysis of waste rubber tires and its pyrolysis oil performances in power generation"*

**10:20 – 10:50 Coffee break + Poster session**

**10:50 – 12:00 Lecture 1: Microwave & Radio Transmission**

*Tomohiko Mitani (RISH, Kyoto University): microwave chemical processing*

*Arshad Salema (Monash University): microwave biomass processing*

*Toshimitsu Hata (RISH, Kyoto University): carbon materials*

**12:00 – 13:20 Lunch + Poster session**

**13:30 – 15:00 Lecture 2: Ecosystem Restoration & Conservation Ecology**

*Takashi Watanabe (RISH, Kyoto University): biomass conversion*

*Nadine Ruppert (Universiti Sains Malaysia): primate conservation*

*Foong Swee Yeok (Universiti Sains Malaysia): mangrove restoration ecology*

*Kok-Boon Neoh (National Chung Hsing University, Taiwan): effect of tropical fire on peatland*

**15:00 – 15:20 Coffee break + Poster session**

**15:20 – 17:10 Lecture 3: Timber Material and Structure**

*Rokiah Hashim (Universiti Sains Malaysia): wood composite*

*Kenji Umemura (RISH, Kyoto University): wood material*

*Mayuree Doungpet (Kasetsart University, Thailand): timber engineering*

*Takuro Mori (RISH, Kyoto University): timber structure*

*Shinya Okuda (National University of Singapore): timber structure*

**17:10 – 17:30 Special talk for atmosphere - Mamoru Yamamoto (RISH, Kyoto University)**

21 February

**9:00 – 10:30 Lecture 4: Pest Management & Sustainability**

*Lee Chow Yang (Universiti Sains Malaysia): management of bed bug*

*Tsuyoshi Yoshimura (RISH, Kyoto University): management of wood product pest*

*Chin-Cheng Yang (RISH, Kyoto University): management of invasive ants*

*Theeraphap Chareonviriyaphap (Kasetsart University, Thailand): vector control and*

*public health entomology*

**10:30 – 11:00 Coffee break + Poster session**

**11:00 – 12:00 Lecture 5: Biomaterial, Biomass Conversion & Recycling**

*Tomoya Imai (RISH, Kyoto University): biomass formation*

*Hiroshi Nishimura (RISH, Kyoto University): biomass conversion*

*Kumar Sudesh (Universiti Sains Malaysia): biodegradable plastics*

**12:00 – 12:05 Closing remarks**