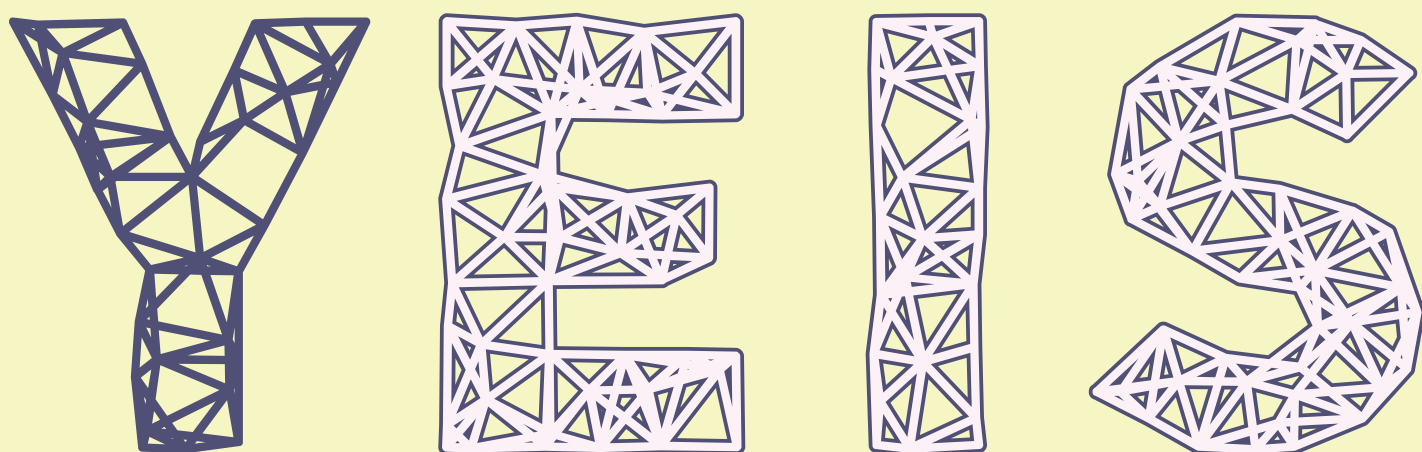


横浜国立大学 環境情報国際フォーラム

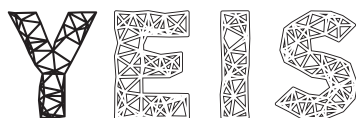
横浜国立大学 教育文化ホール



Yokohama
*Environment and Information Sciences
International Forum*

2015.12.23 Wed

YOKOHAMA National University
Education and Culture Hall



YEIS International Forum

This forum is organized by Faculty of Environment and Information Sciences, Yokohama National University (YNU) to present our various researches and to globalize ourselves. In particular, we invited many researches from Prince of Songkla University (PSU), Thailand. There is a poster session in parallel to the contributed session. Everyone is welcome to participate in the forum.

Open remarks 9:30 — 9:40

Plenary session I 9:40 — 12:25

9:40 — 10:10 Junji SHIKATA (YNU)

Recent topics and trends in cryptography and our challenges

10:10 — 10:40 Junichi TATAMI (YNU)

Advanced ceramics for energy and environmental applications

10:40 — 11:10 Atsumi MIYAKE (YNU)

Risk assessment of hydrogen fueling station for fuel cell vehicles

● **Coffee break** ●

11:25 — 11:55 Kuaanan TECHATO (PSU)

1. Research direction of the faculty of Environmental Management / 2. Green wall and roof

**11:55 — 12:25 Worawit WONGNIRAMAikul,
Werapong KOEDSIN (PSU)**

Research direction and programs of Faculty of Technology and Environment Applied Chemistry and Environmental Technology Research Center

● **Lunch time** ●

Contributed session 13:45 — 16:00

13:45 — 14:00 Atsuhiko NAKAMOTO (YNU)

Art gallery problem and polychromatic coloring of graphs

14:00 — 14:15 Mahito ATOBE (YNU)

Size-controlled synthesis of PMMA nanoparticles with tandem acoustic emulsification followed by soap-free emulsion polymerization

14:15 — 14:30 Masaru OYA (YNU)

Consumer science of household chemical products

14:30 — 14:45 Kazuyuki HIRATSUKA (YNU)

Development of bioluminescence reporter systems to monitor regulated gene expression in higher plants

● **Coffee break** ●

15:00 — 15:15 Nikom SUVONVORN (PSU)

Vision-based human behavior analysis for elderly monitoring system

15:15 — 15:30 Sara BUMRUNGSRI (PSU)

From coral reef to high mountain: the research in Biology department, PSU

15:30 — 15:45 Kanjana THONGGLIN (PSU)

Controlled language for Thai software requirements specification

15:45 — 16:00 Avirut PUTTIWONGRAK (PSU)

General information and research information about Earth System Science and Andaman Natural Disaster Management -ESSAND

Plenary session II 16:15 — 17:45

16:15 — 16:45 Fumito KOIKE (YNU)

Urban area as ecological habitat

16:45 — 17:15 Sangsuree VASUPONGAYYA (PSU)

Preventive healthcare through secure personal health record framework

17:15 — 17:45 Amornrat PHONGDARA (PSU)

Genome to products : case study from PSU

Reception at Party 18:00 — 20:00