

The 3rd Japan-Indonesia Rectors' Conference
Keio Plaza Hotel Sapporo, 5 – 6 Nov 2015

**Group 3:
Industry and University Cooperation
in Innovation**

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Presentations in the Group 3:

1. **Prof. Josaphat Tetuko Sri Sumantyo (Chiba Univ)**
“Industry and University Cooperation in Innovation on Remote Sensing Technology between Indonesia and Japan”
2. **Prof. Edy Hartulistiyoso (IPB)** “Research Collaboration and Dissemination of Innovation: Case of Bogor Agricultural University”
3. **Prof. Wake, Taiji (Hirosaki Univ)**
“Industry and University Cooperation - Challenges of Hirosaki University –”
4. **Prof. Joni Hermana (Institut Teknologi Sepuluh Nopember)** “Strategy & Management of Partnership with Industry & Other Institutions”
5. **Prof. Sumi, Yoshihiko (Hokkaido Univ)** “Innovative Food & Healthcare Master”
6. **Prof. Samsul Rizal and Prof. Ir. Darusman (Syiah Kuala Univ)**
“Enhancing Development and Innovation Growth”
7. **Prof. Hozumi, Naohiro (Toyohashi Univ of Technology)**
“University-Industry Cooperation”

Some sketches of the presentations (1)

1. Prof. Josaphat Tetuko Sri Sumantyo (Chiba Univ)

“Industry and University Cooperation in Innovation on Remote Sensing Technology between Indonesia and Japan”

- An Indonesian professor in Japanese Univ knows national needs of Indonesia very well.
- More outbound students than inbound students!
- The remote sensing technology will be a strong tool for mitigating and predicting disaster.

2. Prof. Edy Hartulistiyoso (IPB) “Research Collaboration and Dissemination of Innovation: Case of Bogor Agricultural University”

- Active collaboration research based on research platforms
- Halal food is a high demand subject in I-U cooperation in Innovation

Some sketches of the presentations (2)

3. Prof. Wake, Taiji (Hirosaki Univ)

“Industry and University Cooperation - Challenges of Hirosaki University –”

- “Establishing a Global Identity Creating with the Community”
- “COI STREAM”: The Center of Healthy Aging Innovation”
- Modern diseases are big problem in both countries, so it is expected for I-U cooperation between the two countries.
- Local government supports the program.

4. Prof. Joni Hermana (Institut Teknologi Sepuluh Nopember) “Strategy & Management of Partnership with Industry & Other Institutions”

- Many innovation products by ITS were introduced with many interests.
- Looking for the beneficial collaboration.

Some sketches of the presentations (3)

5. **Prof. Sumi, Yoshihiko (Hokkaido Univ)** “Innovative Food & Healthcare Master”

- Focusing “From one person to one community”
- Fostering Indonesian HR for the dual directional I-U cooperation in innovation.

6. **Prof. Samsul Rizal and Prof. Ir. Darusman (Syiah Kuala Univ)** “Enhancing Development and Innovation Growth”

- “The Contribution of Integrated Knowledge to the Resilient Communities”
- Disaster management for national and local beneficiaries

Some sketches of the presentations (4)

7. Prof. Hozumi, Naohiro (Toyohashi Univ of Technology)

“University-Industry Cooperation”

- Matching U & I is very important.
- International students have to attend internship.
- Many international students got jobs in Japanese companies

As one of summaries..

Prioritized topic for I-U Cooperation in Innovation:

“I-U Cooperation for mitigating and minimizing **disaster** of earthquake, Tsunami, forest fire, land slide, etc. for the **benefit of community**”

Examples of cooperative (Japan and Indonesia, Industry and University) research and education subjects for this topic:

- Remote sensing technology
- Prediction technology based on scientific research
- Basic education for community

The direction of this topic would be in accord with “**the 5th Science and Technology Basic Plan** FY2016 – 2020”.

Prof. Hamaguchi, President of JST

The 5th Science and Technology Basic Plan (FY2016 – 2020)

Three pillars (tentative)

1. Efforts to get ahead of time towards the future industrial creation and **social change** in the revolution era
2. Efforts to take the initiative towards the resolution of the economic and social issues
3. Efforts to reinforce the fundamental ability to **adapt unexpected changes**

Developing the innovation systems to **induce positive growth** cycle of **HR, knowledge** and funds to accomplish these.

~ From our experiences ~

STI (Science, Technology & Innovation) Policy of Japan

Michinari Hamaguchi

Chairperson of the Council for Science and Technology, Ministry of Education, Culture, Sports, Science and Technology (MEXT),

President of Japan Science and Technology Agency (JST)

Nov. 5, 2015 at Sapporo

Japan Science and Technology Agency

JST