

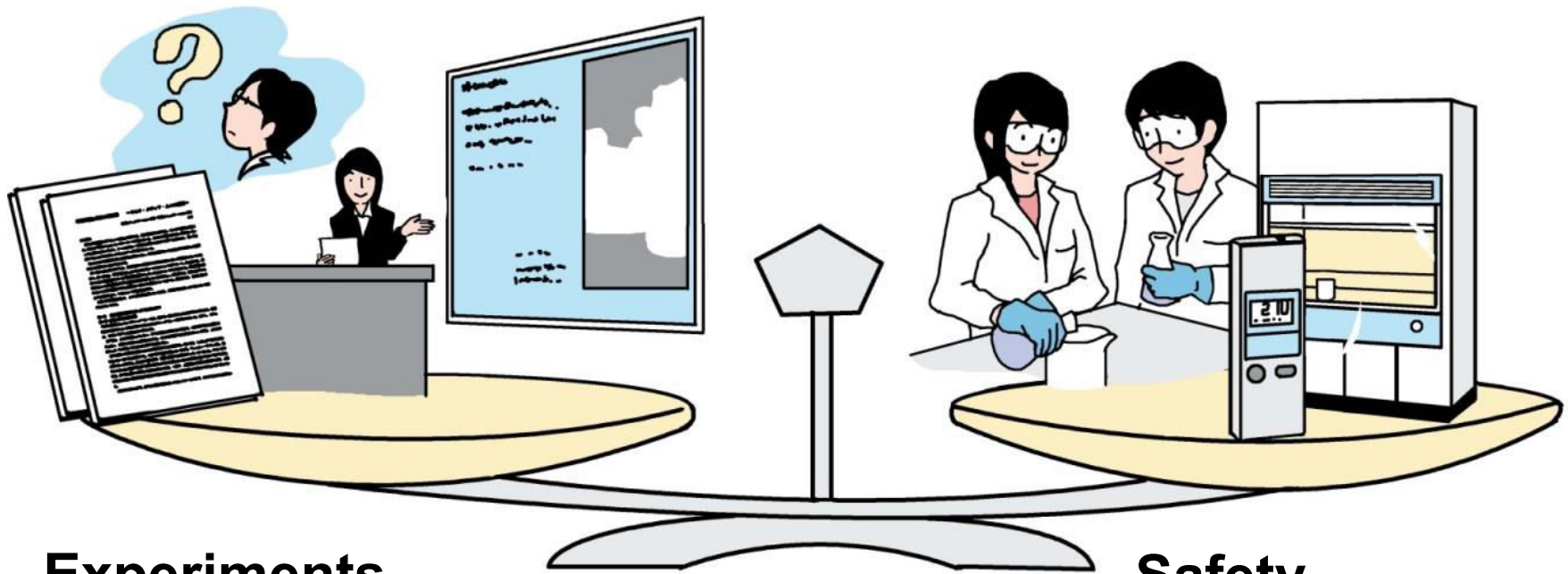
# ACSEL 2016

The 3rd Asian Conference on Safety and Education in Laboratory

Session: Risk perception & EHS education

- SHOW BU  
- NETWORK  
- MUSIC  
- CINEMA  
- BUSINESS  
- WORLD N

# Situation of Laboratory Experiments in Natural Science Research



**Experiments  
Research Achievements**

**Safety  
Compliance**

Research:  
A high level of expertise  
Originality  
Multiplicity and inter-disciplinary

Human resources:  
Diversity  
Mobility

# EHS Management and Education in Laboratory

Laboratory = material + Utilities + People

Chemicals

High pressure gas

safety awareness

Experimental tools

Where do the dangers hide?

How can we anticipate the accidents?



# EHS Education

【Managers】 Advanced particular themes

Management of chemicals

Management of devices

Management of laboratory

Education method

Model laboratory

【Labworkers/Non-labworkers】 Particular themes

Chemicals

High pressure gas

Vacuum device

Radiation

Chemically hazardous waste

Biotechnology

Electricity

Machinery

Laser

Working environment management

Fire and disaster prevention

Field work

Mental health

【Labworkers】Basics

Fundamentals of Experimental Safety in the University

Fundamentals of Experimental Laboratory Management in the University

【Non-labworkers】

Fundamentals of office work (VDT, backache)

【ALL】 Knowledge for all the university member

Basics of Environmental Safety

Daily-life waste

# Program

**10:35-11:10 [Keynote] Knowledge integration for lab safety in University**

*Prof. Hitoshi Yamamoto, Osaka University, Japan*

**11:10-11:28 Risk perception and safety behavior**

*Prof. Myoungsoon You, Seoul National University, Korea*

**11:28-11:46 Chemical safety in laboratory at Chulalongkorn University**

*Prof. Supawan Tantayanon, Chulalongkorn University, Thailand*

**11:46-12:04 Harmonization of safety & health education between universities**

*Mr. Danny Toh, National University of Singapore, Singapore*

**12:04-12:22 Safety and health officer training and development framework**

*Ms. Gisela Ho, National University of Singapore, Singapore*

**12:22-12:30 Discussion and summary of this session**