



23 OCTOBER

The 9th Kobe University Brussels European Centre Symposium
**Smart Cities, Secure Societies:
Breakthroughs in EU and Japan Research Cooperation**
Organised jointly with Vrije Universiteit Brussel
Wednesday 24 October 2018

VENUE Vrije Universiteit Brussel Conference Centre, U-Residence, Bld Général Jacques 271, 1050 Brussels.

8:45-9:15 REGISTRATION AND WELCOME COFFEE

9:15-10:00 OPENING ADDRESSES (CONFERENCE ROOM A)

Moderator Introduction by the Moderator, **Prof. Ken-ichi Yoshida**, Kobe University (Japan)
Speakers **Prof. Hiroshi Takeda**, President, Kobe University (Japan)
Prof. Dr. Romain Meeusen, Vice-Rector for Internationalisation, Vrije Universiteit Brussel (Belgium)
H.E. Mr. Kazuo Kodama, Ambassador of Japan to the European Union (Japan)
Mr. Patrick Child, Deputy Director-General, DG RTD, European Commission

10:00-13:30 PARALLEL SESSIONS

10:00-13:30 PARALLEL SESSION 1: RESEARCH AND INNOVATION FOR SECURE SOCIETIES (CONFERENCE ROOM A)

10:00-11:35 Theme 1: Security Challenges in a Changing World

Moderator **Prof. Kiyomitsu Yui**, Kobe University (Japan)
Speakers **Prof. Kan Kimura**, Kobe University (Japan): *Structural Changes in Northeast Asia: Between Rising China and US Populism*
Prof. Alexander Mattelaer, VUB Institute for European Studies, and Egmont Centre (Belgium)
Europe-Japan relations beyond the post-Cold War period
Prof. Kristian Cedervall Lautu, Copenhagen University (Denmark), *Overcoming obstacles for disaster prevention: challenges and best practices from Europe and beyond*
Prof. Piotr Klodkowski, Jagiellonian University (Poland), *The Issues of Political Security in South Asia and Its Implications for EU/NATO*
Prof. Johanna Marta Guzik (on behalf of **Prof. Adam Jelonek**), Jagiellonian University (Poland): *Foreign migrants in Poland as entrepreneurs: the case of Asian-born communities*
Prof. Hiroshi Okumura, Kobe University (Japan): *'Memory' preservation activity of in disaster areas and its significance: from the Hanshin-Awaji to the Great East Japan Earthquakes.*
Panel discussion animated by Moderator

11:35-11:55 Coffee and networking break

11:55-13:30 Theme 2: Disaster-Resilient Societies

Moderator **Prof. Dr. Ives Hubloue**, Vrije Universiteit Brussel (Belgium)
Speakers **Prof. Dr. Ives Hubloue**, Vrije Universiteit Brussel (Belgium): *Saving lives: the use of new technologies in disaster medical response*
Dr. Gerlant van Berlaer, Vrije Universiteit Brussel (Belgium): *Building disaster-resilient societies: the role of technology, data-gathering and research*
Prof. Osamu Tsukihashi, Kobe University (Japan): *Lost Homes Project and Memories of Hometown*
Prof. Akihiko Hokugo, Kobe University (Japan): *Designing inclusive disaster risk reduction in hyperaging society: assistive technologies to enhance community-based disaster preparedness*
Panel discussion animated by Moderator

**10:00-13:00
B)**

PARALLEL SESSION 2: SMART CITIES, SMART SOCIETIES

(CONFERENCE ROOM

10:00-11:35 ***Theme 1: Smart Cities: Energy and Mobility***

Moderator
Speakers

Prof. Hisashi Tamaki, Kobe University (Japan)

[Prof. Hisashi Tamaki](#), Kobe University (Japan): *Energy grids: towards a self-sustainable decentralized energy systems*

[Prof. Chikara Ohta](#), Kobe University (Japan): *Efficient and reliable packet transfer protocol for wireless multi-hop bidirectional communications*

[Prof. Joeri van Mierlo](#), VUB (Belgium): *Sustainable mobility: breakthroughs in e-vehicles technologies*

[Prof. Thierry Coosemans](#), VUB (Belgium): *Electric vehicles and decentralised energy production: e perfect match.*

11:35-11:55 **Coffee and networking break**

11:55-13:30 ***Theme 2: Smart Cities: Citizens, Users and Life***

Moderator
Speakers

Prof. Zhi-wei Luo, Kobe University (Japan)

[Prof. Cathy Macharis](#), VUB (Belgium): *Rethinking mobility for a Human City*

[Prof. Zhi-wei Luo](#), Kobe University (Japan): *Systematic innovation of health robotics for ageing society*

[Prof. Nobutada Fujii](#), Kobe University (Japan): *Urban design through a festival - a platform for research and education*

[Dipl.-Ing. Annegret Klein-Hessling](#), Aachen University (Germany): *Electric mobility: infrastructures for fast charging*

Panel discussion animated by Moderator (Theme 1&2)

**10:00-13:00
TRANSFER**

PARALLEL SESSION 3: BETWEEN ORIENT & OCCIDENT: CULTURAL MEMORY & CULTURAL

(CONFERENCE ROOM C)

10:00-11:35 ***Theme 1: Historical Context***

Moderator
Speakers

Prof. Hiroko Masumoto, Kobe University (Japan)

Prof. Marc Jacobs, VUB (Belgium): *Breughel's memory systems: safeguarding strategies in the Intangible Cultural Heritage paradigm*

[Prof. Vakhtang Licheli](#), Tbilisi State University (Georgia): *Unknown script of 10th c BC from Central Transcaucasia as a result of international communication*

[Prof. Akira Furuichi](#), Kobe University (Japan): *State formation and international relations in Ancient Japan*

Mr. Oscar Wrenn, University of East Anglia (UK): *Cultural memory, world heritage and the universal value of Japan's sacred heritage*

Panel discussion animated by Moderator

11:35-11:55 **Coffee and networking break**

11:55-13:30 ***Theme 2: Contemporary Challenges***

Moderator
Speakers

Moderator: **Prof. Yoshihiko Shiratori**, Kobe University (Japan)

Prof. Alexander Kartoza, Tbilisi State University (Georgia): *Tracing keywords: an insight into the Georgian culture*

Prof. Toshio Miyake, Ca' Foscari University of Venice (Italy): *Is Japan 'East' or 'West'? Civilization, nation and race in fascist Italy*

Prof. Andreas Regelsberger, Trier University (Germany): *Theatre histories East-West: the construction of identities*

Prof. Anne Sauvagnargues, Paris-Nanterre University (France): *Deterritorialisierung – deterritorialization: towards a new ecological encounter between East and West*

Panel discussion animated by Moderator

13:30-14:30 **NETWORKING LUNCH (JAPANESE-THEMED)**

Short presentation on the new EU-Japan Joint Calls for proposals (Erasmus Mundus, Inter-University Exchange Project) by **Mr. Gianpaolo Suriano**, European Commission DG EAC

14:30-17:00 OPEN INTERACTIVE WORKSHOPS AND BROKERAGE EVENTS**14:30-17:00 OPEN INTERACTIVE WORKSHOP/BROKERAGE EVENT A: (CONFERENCE ROOM A)*****Evidence-based Disaster Medicine: how can technology improve the response?***

Session producer/leader: **Prof. Dr. Ives Hubloue**, Vrije Universiteit Brussel

Themes: *Disaster response, disaster preparedness, medical data gathering, data transfer, patient tracking, hazard identification, remote patient monitoring, communication (Wifi, others), UAV*

- **Prof. Ives Hubloue**, ReGEDiM, VUB (Belgium)
- **Mr Gino Claes**, Federal Public Service Health (Belgium)
- **Mr Anthony De Backer**, Federal Public Service Health (Belgium)
- **Mr Frank de Jong**, ReGEDiM, VUB (Belgium)
- **Ms Justine Debosschere**, Federal Public Service Health (Belgium)
- **Ms Vanessa Debreyne**, Federal Public Service Health, B-FAST (Belgium)
- **Dr. Trevor Jain**, University of Prince Edward Island (Canada)
- **Ms Klara Leroy**, Federal Public Service Health (Belgium)
- **Mr Raman Madan**, Federal Public Service Health (Belgium)
- **Prof. Stuart Hendry**, CEO, Rinicom Ltd (UK Kingdom)
- **Dr Raido Paasma**, University of Tartu (Estonia)
- **Dr Alina Petrica**, SMURD (Romania)
- **Prof. Akihiko Hokugo**, Kobe University (Japan)
- **Dr. Marcelo Farah Dell'Aringa**, Università del Piemonte Orientale, CRIMEDIM (Italy)
- **Prof. Osamu Tsukihashi**, Kobe University (Japan)
- **Dr Gerlant van Berlaer**, ReGEDiM, VUB (Belgium)
- **Dr. Harald Veen**, International Committee of the Red Cross/WHO (Switzerland)

14:30-17:00 OPEN INTERACTIVE WORKSHOP B (CONFERENCE ROOM B)***Rethinking Mobility, Reinventing Cityspaces: Smart Technologies for Smarter and More Liveable Cities***

Session producers/leaders: **Prof. Tamaki** and **Prof. Luo**, Kobe U, and **Prof. Joeri van Mierlo**, VUB

Themes: *Drones and UAV, IoT and software engineering, service engineering, sensing, brain-computer interface, robotics, intelligent vehicles, smart logistics.*

- **Prof. Cathy Macharis**, Vrije Universiteit Brussel (Belgium)
- **Prof. Joeri van Mierlo**, Vrije Universiteit Brussel (Belgium)
- **Prof. Takateru Urakubo**, Kobe University (Japan): *Development & flight test of a tilt-rotor Unmanned Aerial Vehicle*
- **Prof. Takeshi Uchitane**, Kobe University (Japan): *Sensing human mobility on a day-event via Wi-Fi probe request signals*
- **Prof. Sheng Cao**, Kobe University (Japan): *Research on human-robot interaction for the super-ageing society*
- **Prof. Thierry Coosemans**, Vrije Universiteit Brussel (Belgium)
- **Mr. Kenji Matsuno**, Mission of Japan to the European Union (Japan)

14:30-17:00 OPEN INTERACTIVE WORKSHOP C: (CONFERENCE ROOM C)***Food, Culture and History: a Cultural/Culinary Anthropology of East-West Exchanges***

Session producer/leader: **Prof. Hiroko Masumoto**, Kobe University

- **Prof. Marc Jacobs**, VUB (Belgium): *Belgian waffles go East: a study in cross-cultural tastes*
- **Dr. Rusdan Gorgiladze** (Georgia): *The Georgian flavor and the Georgian 'Supra'*
- **Prof. Ken-ichi Yoshida** Kobe University (Japan): [*A global Japanese Icon: the tale of Japanese sake - history, culture, and technology.*](#)
- **Prof. Vakhtang Licheli**, Tbilisi State University (Georgia)
- **Prof. Akira Furuichi**, Kobe University (Japan)
- **Prof. Toshio Miyake**, Ca' Foscari University of Venice (Italy)
- **Prof. Andreas Regelsberger**, Trier University (Germany)
- **Prof. Yoshihiko Shiratori**, Kobe University (Japan)
- **Prof. Anne Sauvagnargues**, Paris-Nanterre University (France)
- **Mr Oscar Wrenn**, University of East Anglia (UK)

17:00-17:15 CONCLUDING SESSION AND CLOSING REMARKS

Prof. Matsuto Ogawa, Vice-President, Kobe University

