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

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)
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 Lauta, 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 EUNATO
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. 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

#### PARALLEL SESSION 2: SMART CITIES, SMART SOCIETIES

**Theme 1: Smart Cities: Energy and Mobility**

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| 10:00-11:35 | **Moderator**: Prof. Hisashi Tamaki, Kobe University (Japan)  
**Speakers**:  
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: a perfect match.* |
| 11:35-11:55 | Coffee and networking break |
| 11:55-13:30 | **Moderator**: Prof. Zhi-wei Luo, Kobe University (Japan)  
**Speakers**:  
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) |

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

**Theme 1: Historical Context**

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| 10:00-11:35 | **Moderator**: Prof. Hiroko Masumoto, Kobe University (Japan)  
**Speakers**:  
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**: Prof. Yoshihiko Shiratori, Kobe University (Japan)  
**Speakers**:  
Prof. Alexander Kartozia, 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-aging society
- Prof. Thierry Coosmans, 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. 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
| 17:15-18:30 | NETWORKING RECEPTION AND DRINKS |