

# Innovation and Action for Managing Urgent Future Local and Global Issues and Domains in Japan and Europe

 November 24<sup>th</sup> – 25<sup>th</sup>, 2022 (ONLINE)

## Agenda

### Day 1, Thursday November 24, 2022

Europe Time	Japan Time	What	Who	Where (Links to Zoom-Meetings)
9:00	17:00	<u>Welcoming</u>	Prof. Dr. Dietrich Albert (EJE) Prof. Dr. Fredrik Heintz (Linköping University) Dr. Toshiyasu Ichioka (RIKEN) Dr. René Reiners (Fraunhofer FIT)	<a href="#">Click here to join the EJE International Conference 2022</a>
9:20	17:20	Technical Instructions	Lena Köppen (Fraunhofer FIT)	
9:30	17:30	Keynote 1: The Role of Japan in the Post-Corona Era to Combat Global Challenges	Prof. Dr. Harriet Wallberg, Karolinska Institutet (Sweden)	
9:50	17:50	Keynote 2: AI and Society – ELSI About Autonomous Avatars	Prof. Dr. Hiroshi Nakagawa, RIKEN AIP (Japan)	
10:10	18:10	Keynote 3: Combining Bird Eye View and Grass Root View for Earth Observation	Prof. Dr. Andreas Dengel, German Research Center for AI, DFKI (Germany)	
10:30	18:30	Break		
10:50	18:50	Workshop 1: Sociability in Human-Robot Interactions	RIKEN	<a href="#">Click here to join workshop 1</a>
		Workshop 2: Kickstart a Circular Business	Fraunhofer FIT	<a href="#">Click here to join workshop 2</a>
		Workshop 3: Creating a Sustainable Future	EJE	<a href="#">Click here to join workshop 3</a>
12:50	20:50	Lessons Learned from Workshops Day 1	All	<a href="#">Click here to join the EJE International Conference 2022</a>
13:20	21:20	End of Day 1	All	<a href="#">Click here to join the EJE International Conference 2022</a>

The EJE International Conference 2022 will be moderated by Dr. René Reiners (Head of Human-Centered Engineering & Design at Fraunhofer FIT) and Sabine Ganter-Richter (EJE Executive Manager).

**Day 2, Friday November 25, 2022**

Europe Time	Japan Time	What	Who	Where	
9:00	17:00	Keynote 4: Megatrends – Merging Green and Secure Digital Transformation	Dr. Irene Ek, GOOGLE Cloud Nordics (Sweden)	<a href="#">Click here to join the EJEAI International Conference 2022</a>	
9:20	17:20	Keynote 5: What We Learned from Industry-Academia-Government Collaboration Initiatives	Prof. Dr. Masaaki Tokuda, Kagawa University (Japan)		
9:40	17:40	Keynote 6: The Role of Cybersecurity in the Smart Society	Prof. Dr. Simin Nadjm-Tehrani, Linköping University (Sweden)		
10:00	18:00	Keynote 7: Society 5.0 / Needs / Humability	Prof. Dr. Britta Essing, Fraunhofer FIT (Germany)		
10:20	18:20	Break			
10:40	18:40	Workshop 4: Service Design	Fraunhofer FIT	<a href="#">Click here to join workshop 4</a>	
		Workshop 5: Multidisciplinary Approaches toward SDGs Related to Environmental Humanities	KAGAWA University	<a href="#">Click here to join workshop 5</a>	
		Workshop 6: Cognitive Robotics	Linköping University	<a href="#">Click here to join workshop 6</a>	
		Workshop 7: European and Japanese Approaches for Addressing Future Challenges of SMEs	Shinshu University	<a href="#">Click here to join workshop 7</a>	
12:40	20:40	Lessons Learned from Workshops Day 2	All	<a href="#">Click here to join the EJEAI International Conference 2022</a>	
13:10	21:10	Farewell	Sabine Ganter-Richter, EJEAI		
13:20	21:20	End of Day 2 and Conference	All	<a href="#">Click here to join the EJEAI International Conference 2022</a>	

**EJEAI-Special:**

**Live Graphic Recording on YouTube**

The stream will go live at 09:00/17:00 and the link will be provided during the conference.

## Workshops

### Day 1, Thursday November 24, 2022

#### 1. Sociability in Human-Robot Interactions

Organized by RIKEN, Dr. Toshiyasu Ichioka, Director, RIKEN Europe Office

Contributions:

##### 1.1 Opening Remarks

Makiko Naka, Executive Director, RIKEN, Japan

##### 1.2 Socially Engaging Robots and HRI 'third-parties': Lessons Learned from Real-life Use of Social Robots in Retail and Geriatrics

Martin Chevallier, CEMS-EHESS, France

##### 1.3 Cyber-Physical Systems for Psychological Support and Social Rehabilitation Inspired by Brain Research

Maya Dimitrova, Institute of Robotics, Bulgarian Academy of Science, Bulgaria

##### 1.4 Study of an Autonomous Robot Living Together with Humans in Daily Environments

Takashi Minato, RIKEN, Interactive Robot Research Team, Guardian Robot Project, Japan

##### 1.5 Dialogue-Based System with Photo and Storytelling for Older Adults: Toward Daily Cognitive Training at Home

Seiki Tokunaga, RIKEN, Japan

##### 1.6 Brain-Inspired Artificial Intelligence to Apply Industrial Robotics Toward Human-Centered Society

Hiroaki Wagatsuma, Kyushu Institute of Technology, Japan

#### 2. Kickstart a Circular Business – Sharing Experiences on an Online Tool for 2hr-Workshop-Concept for Learning Circular Economy

Organized by Fraunhofer Institute for Applied Information Technology FIT, Constanze Ritzmann and Lena Brüch

#### 3. Creating a Sustainable Future

Organized by European Japan Experts Association (EJEA), Prof. Dr. Anders Törnvall, EJEA Executive Member

Contributions:

##### 3.1 How Artificial Intelligence Reconceptualises Information Literacy: Ways to a Sustainable Creative Society

Michal Cerny, Masaryk University in Brno, Czech Republic

##### 3.2 Exploring a Potential of Digital Role-Playing for Development of Social and Cultural Values

Kristýna Kalmárová, Masaryk University in Brno, Department of Information and Library Studies, Czech Republic

##### 3.3 Monitoring User State Detection for the Future of Mobility

Lorenz Granrath, Sebastian Schnieder, Jarek Krajewski, Institute of Experimental Psychophysiology, Düsseldorf, Germany

##### 3.4 Insights on Sustainability-oriented Change in Mobility Stimulated by Civic IoT Applications

Andrea Hamm, Weizenbaum-Institute, Germany and Yuya Shibuya, University of Tokyo, Japan

##### 3.5 Learning from Tokyo's Extended Home Architectures: An Urban Configuration to Decouple High Livability from High Residential Space in European Cities?

Florian Liedtke, Institute for Sustainable urbanism, TU Braunschweig, Germany

## Day 2, Friday November 25, 2022

### 4. Service Design

Organized by Fraunhofer Institute for Applied Information Technology FIT, Anika Martin and Wanda Gaertner

### 5. Multidisciplinary Approaches toward SDGs Related to Environmental Humanities

Organized by KAGAWA University, Prof. Dr. Toru Terao and Prof. Dr. Kenji Wada

### 6. Cognitive Robotics

Organized by Linköping University, Prof. Dr. Fredrik Heintz

### 7. European and Japanese Approaches for Addressing Future Challenges of SMEs

Organized by Shinshu University, Prof. Dr. Kiyoshi Tanaka, and Fraunhofer Institute for Applied Information Technology FIT, Dr. Anja Linnemann

#### Contributions:

7.1 German and European Competence Centers Guiding Through the Digital Transformation

Anja Linnemann, Fraunhofer FIT, Germany

7.2 Shinshu IT Valley Initiative Project Co-Creation Network and its Activity Policy

Kiyoshi Tanaka, Shinshu University, Nagano Prefecture Japan



#### Contact Our Tech Support:

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