

# JAPANESE-GERMAN CENTER BERLIN (JDZB)

in cooperation with

FUJITSU RESEARCH INSTITUTE (FRI)

GERMAN ECONOMIC INSTITUTE, Cologne (IW)

## TENTATIVE PROGRAMME

for the symposium

**Ahead of G20:**

**Artificial Intelligence and Innovation**

from Tuesday, June 25 to Wednesday, June 26, 2019

at the Japanese-German Center Berlin (JDZB),

Saargemuender Str. 2, 14195 Berlin

as of June 24, 2019

Language: English

**Tuesday, June 25**

09.30 – 10.00 *Registration*

### 10.00 – 10.10 **Opening**

Claudia SCHMITZ (Secretary General; Japanese-German Center Berlin)

H.E. Ambassador Takeshi YAGI (Embassy of Japan)

### 10.10 – 12.15 **Keynote Speeches**

Chair: Dr. Dr. Armin STEINBACH (Head of Division Fundamental Issues of Economic Policy; Federal Ministry for Economic Affairs BMWi)

#### 10.10 – 10.40 **Artificial Intelligence (AI) in the Political Economy of Japan**

Prof. Dr. Shumpei TAKEMORI (Keio University, Faculty of Economics / Expert Member; Council on Economic and Fiscal Policy, Cabinet Office, Government of Japan)

10.40 – 11.10 *Coffee break*

#### 11.10 – 11.40 **The German Research Center for Artificial Intelligence (DFKI) – A Key Contributor of Germany's AI Strategy**

Prof. Dr. Prof. h.c. Andreas DENGEL (Member of the Executive Board & Scientific Director of Smart Data & Knowledge Services Research Department; German Research Center for Artificial Intelligence DFKI)

11.40 – 12.15 Q&A and Discussion

12.15 – 13.30 *Lunch*

### 13.30 – 16.30 **Session 1: AI and Industry: "Industry 4.0" and "Society 5.0"**

Chair: Dr. Rainer BISCHOFF (Vice President Corporate Research; KUKA Deutschland GmbH)

#### 13.30 – 14.00 **AI and Industry from Society 5.0 Perspective**

Dr. Yūko HARAYAMA (former Executive Member of the Council for Science and Technology Policy, Cabinet Office, Government of Japan / Professor Emeritus; Tohoku University)

14.0 – 14.30 Q&A and Discussion

- 14.30 – 15.00 *Coffee break*
- 15.00 – 15.30 **AI for Optimization and Innovation of Industrial Processes / Security of AI in Industry**  
Thomas WALLOSCHKE (Director; Fujitsu Technology Solutions GmbH / Plattform Industrie 4.0)
- 15.30 – 16.00 **Value Networks in Manufacturing Industries Enabled by the Industrial Internet of Things (IIoT) and AI**  
Dr. Ulrich LÖWEN (Senior Principal Engineer; Siemens AG / Plattform Industrie 4.0)
- 16.00 – 16.30 Q&A and Discussion
- 16.30 *End of day 1*

### Wednesday, June 26

- 09.45 – 12.15 Session 2: AI as a Challenge for Societies and in the International Arena**  
Chair: Kate SASLOW (Project Manager "AI and Foreign Policy" and "EU Cyber-Direct"; Stiftung Neue Verantwortung SNV)
- 09.45 – 10.15 **Governing AI Technology: a Possible Framework**  
Prof. Takehiro OHYA (Keio University, Faculty of Law)
- 10.15 – 10.30 **Unintended Side Effects of the Digital Transition and Digital Data as Subject of Transdisciplinary Processes (DiDaT)**  
Prof. Dr. em. Roland W. SCHOLZ (ETH Zurich / Affiliated Scholar; Institute for Advanced Sustainability Studies IASS Potsdam)
- 10.30 – 11.00 Q&A
- 11.00 – 11.30 *Coffee break*
- 11.30 – 11.45 **The Recent Emergence of AI Ethics Guidelines in Light of the US-China AI Competition**  
Kaan SAHIN (Research Fellow, Technology and Foreign Policy; German Council on Foreign Relations DGAP)
- 11.45 – 12.15 Q&A and Discussion
- 12.15 – 13.30 *Lunch*
- 13.30 – 16.45 Session 3: Digital Skills, AI and the Working Environment**  
Chair: David B. MEINHARD (Economist for Supply of Skill Needs; German Economic Institute, Cologne IW)
- 13.30 – 14.00 **Policy Lab Digital Work and Society - A New Way of Policy-Making within the German AI Strategy**  
Dr. Markus DICKS (Policy Lab Digital, Work & Society, Federal Ministry of Labour and Social Affairs BMAS)
- 14.00 – 14.30 **AI and the Future Workforce**  
Michiko ACHILLES (Senior Advisor, Human Resources Strategy; SAP Japan Co., Ltd.)
- 14.30 – 15.00 *Coffee break*
- 15.00 – 15.30 **AI in a Digital Learning Economy**  
Dr. Martin SCHULZ (Senior Research Fellow; Fujitsu Research Institute FRI)
- 15.30 – 16.00 **Preparing for the Digital Economy**  
Dr. rer. pol. Hubertus BARDT (Head of the Research Division; German Economic Institute, Cologne IW)
- 16.00 – 16.45 Q&A and Discussion
- 16.45 *End of the symposium*