DWIH Tokyo

Land der Ideen

Report

Artificial Intelligence – International Research and Applications: 1st Japanese-German-French DWIH Symposium

November 21-22, 2018 (Wednesday/Thursday)

Toranomon Hills, Tokyo

Contents

1st Japanese-German-French DWIH symposium on Artificial Intelligence: Japanese, German and French participants agree on intensified collaboration and exchange

"Artificial Intelligence" is a broad topic as it concerns almost every public and private sector and academic discipline. Hence, the DWIH symposium's goal to facilitate not only interdisciplinary but also international exchange on AI was ambitious. However, it soon became clear, that Germany, France and Japan hold high potential for an intensified exchange on AI for several reasons - Prof. Margret Wintermantel (president of the German Academic Exchange service) took up three such reasons, when she welcomed the audience on behalf of the main organizer, the German Centre for Research and Innovation Tokyo (DWIH Tokyo): Germany, France and Japan all feature excellent resources, share similar value systems and have a long tradition of collaboration. Japanese Minister of State for Science and Technology Policy, Takuya Hirai, expressed his hope that the symposium will foster trilateral cooperation. German Ambassador Dr. Hans Carl von Werthern as well as French Ambassador Laurent Pic emphasized the need for trilateral exchange on AI in regard to the impact AI will have on our societies.

National AI strategies of Japan, France and Germany

To set the political framework for the discussions, top-ranking representatives of each country introduced the cornerstones of their national AI strategy. For Japan, the Minister of State for Science and Technology Policy, Takuya Hirai, emphasized that a central goal of the Japanese AI strategy is to prepare Japanese society for the changes which the advances in technology are about to bring. The Japanese strategy envisions a "Human-centric AI society" composed of values such as dignity, diversity and sustainability.

The French strategy was presented by world-renowned mathematician Cédric Villani, who directed the task force to compose a report on which the French AI is premised. Prof. Dr. Villani indicated that in the fierce global AI race we are facing today, competition concentrates not only on big databases and computer power, but also on people who are capable of contributing to AI research. He pointed out that the transnational sharing of data and competence is one of the strategy`s central guidelines and stressed the importance of common values: "You will only share data with partners that you trust".

The brand-new German AI strategy was presented by Dr. Herbert Zeisel from the Federal Ministry of Education and Research (BMBF), who put special emphasis on the necessity to create attractive working conditions for promising AI researchers. The acceptance of AI by society is another important topic addressed by the German AI strategy: "This involves making the technology controllable and protecting personal data", Zeisel said.

Artificial Intelligence & Human Intelligence: co-operation, co-evolution, co-existence?

One question which came up repeatedly at the symposium was about the relationship between humans and machines and how it will evolve in the future.

The great potential of AI for humankind was addressed in the keynote speech by Prof. Dr. Wolfram Burgard (University of Freiburg), who illuminated how AI could help to solve existential problems of many people all around the world – ranging from famine to limited access to medical care.

Prof. Dr. Andreas Dengel from the German Research Center for Artificial Intelligence (DFKI) stated in his keynote speech that self-learning machines could be used as "intelligence amplifiers - complementing our own senses, helping us to understand, to memorize, to act".

Prof. Dr. Junichi Tsujii from the Artificial Intelligence Research Center (AIRC) put the "co-evolution" of AI and Human Intelligence (HI) into perspective. With self-moving robots programmed not to interfere with humans, the AIRC is now focusing its research activities on the "co-existence" of AI and humans – the next step will be "co-evolution", through which AI and HI create a model of the real world together.

Dr. Joseph Reger, Chief Technology Officer (CTO) at Fujitsu EMEIA, on the other hand expressed doubts, if the "co-operation" of HI and AI will hold up for the coming decades. In a visionary talk on one of many possible futures of AI, he pointed out that in 80 years there might not be a clear distinction between HI and AI – "they will be one and the same", with AI being subject to the same laws and civil rights as humans.
From Ethics to Connected Industries – concentrated discussions in break-out sessions

A human-based approach – joint statement

What unites Germany, Japan and France when it comes to Artificial Intelligence? In the last session of the symposium, Prof. Dr. Yuichiro Anzai (Japan Society for the Promotion of Science) looked back on the topics that came up during the two days – many of them relating back to broader issues like the future of democracy or the future of truth and ethics. He emphasized that international exchange and collaboration will be important to address these challenges.

The demand for further exchange was also expressed by many of the participants – and put to record in a joint statement on intensified collaboration in AI. The statement emphasizes to take a "human-centered approach" to AI and its applications.

Joint statement

On the occasion of the first Japanese French and German Symposium on Artificial Intelligence, organised by the DWIH Tokyo and the Embassy of France in Japan, the participants from the fields of research, policy, and funding organisations express their willingness to intensify their future collaboration in AI research and innovation.The cooperation will be carried out in the spirit of shared ethical values for the commongood of our societies. At the centre of this collaboration we put a human-centred approach which will set common standards and a joint understanding of the potential of Artificial Intelligence.

We strongly support the creation and reinforcement of networks of individuals as well as networks of institutions. Based on the respective national strategies of Artificial Intelligence we see the need and the scope for intensified exchange of researchers, ideas and perspectives to face challenges in areas such as health care, mobility, environment, connected industries, or disaster risk reduction. The ultimate aim of Artificial Intelligence is to serve people and contribute to the improvement of the quality of life for the individual as well as for society as a whole.

Tokyo, November 22, 2018

Livestream of Plenary Sessions on Day 1 (Nov, 21)

OPENING REMARKS
00:03:33 – 00:38:20

- Prof. Dr. Margret Wintermantel
  President, German Academic Exchange Service (DAAD)
- Dr. Hans Carl von Werthern
  Ambassador of the Federal Republic of Germany to Japan
- Laurent Pic
  Ambassador of France to Japan
- Takuya Hirai
  Minister of State for Science and Technology Policy

Watch the video on YouTube

KEYNOTE SPEECHES
01:07:10 – 01:52:55

"Research Activities of the AIRC in the Context of Society 5.0"
Prof. Dr. Junichi Tsujii / Fellow, National Institute of Advanced Industrial Science and Technology (AIST), Director, Artificial Intelligence Research Center (AIRC), AIST

"Augmented Intelligence – Towards Self-Learning Machines"
Prof. Dr. Andreas Dengel / Member of the DFKI Management Board, Site Head and Scientific Director at DFKI Kaiserslautern, German Research Center for Artificial Intelligence (DFKI)

NEW WORKING ENVIRONMENT WITH AI
02:14:45 – 03:43:55

"AI for Happiness of People"
Dr. Kazuo Yano / Fellow, Hitachi Ltd.

"AI at Work - How We Can Shape the Collaboration Between Man and Machine"
Dr. Matthias Peissner / Director, Head, Human-Technology Interaction Research Unit, Fraunhofer Institute for Industrial Engineering IAO

"How Does AI Change HR and Education Landscape?"
Dr. Masahiro Fukuhara / CEO, Institute for a Global Society, Adjunct Professor, Hitotsubashi University Graduate School, Project Professor, Keio University

"AI and the Smart Factory"
Klaus Bauer / Head, Development Basic Technology, TRUMPF Werkzeugmaschinen GmbH + Co. KG

"The Crucial Importance of Understanding AI"
Prof. Dr. Daniel Andle / Emeritus Professor, Department of Philosophy, Paris-Sorbonne University, Senior Scientist, Department of Cognitive Studies, Ecole normale supérieure, PSL University

"Interface.ai – Fresh Opportunities to Get Back into the Game"
Alexander Diehl / General Partner, Hasso Plattner Ventures

Livestream of Plenary Sessions on Day 2 (Nov, 22)

Watch the video on YouTube

KEYNOTE SPEECHES AND DISCUSSION
00:02:29 – 00:27:29

"Opportunities Offered by Robotics and Artificial Intelligence for Our Future"
Prof. Dr. Wolfram Burgard / Head, Research Lab AI Systems, Albert-Ludwigs-University Freiburg, President, IEEE Robotics and Automation Society (IEEE RAS)

00:27:50 – 01:00:10

Prof. Dr. Cédric Villani / Vice-President, The French Parliamentary Office for the Evaluation of Scientific and Technological Choices

01:00:35 - 01:18:33

Discussion of Prof. Dr. Wolfram Burgard & Prof. Dr. Cédric Villani

WRAP-UP
01:19:16 – 01:46:16

Prof. Dr. Yuichiro Anzai / Senior Advisor, Director of Center for Science Information Analysis, Japan Society for the Promotion of Science (JSPS)

Break-Out Session 1: Ethical & Legal Aspects of AI

In the session on "Ethical and Legal Aspects of AI", over 100 participants discussed questions like how AI will affect human dignity or how data biases widen social gaps. Participants stressed the necessity of international principles regarding AI.

Artificial Intelligence (AI) applications range from intelligent networks to autonomous robots and drones. In consequence, AI's ethical and legal impacts, its challenges and risks, are becoming more and more the subject of public discussion. Some of the questions to be considered include how researchers and businesses should improve their systems' fairness, accountability and transparency, how misuse of intelligent technologies is to be prevented, and how the relation between humans and machines should be defined. Do we want autonomous organisms and will they be our slaves, equals, superiors or all three? The aim of this session was to alert a wider range of stakeholders of the challenges with which AI will confront our society sooner or later.

Chairs: Dr. Arisa Ema and Prof. Dr. Christoph von der Malsburg

"AI as a Mirror of our Society"
Dr. Arisa Ema (Project Assistant Professor, Policy Alternatives Research Institute, The University of Tokyo, Visiting Researcher, RIKEN Center for Advanced Intelligence Project)

"The Challenge of Autonomous Electronic Organisms"
Prof. Dr. Christoph von der Malsburg (Senior Fellow, Frankfurt Institute for Advanced Studies)

"AI Guidelines & Principles on R&D & Utilization"
Dr. Akemi Yokota (Associate Professor, Graduate School of Social Sciences, Chiba University)

"Autonomous Agents as Legal Persons? A Functional Approach"
Dr. Jan-Erik Schirmer (Senior Research Fellow, Humboldt-University Berlin)

"The Ethics of Affective Computing"
Prof. Dr. Laurence Devillers (Professor in Artificial Intelligence, Sorbonne University, Researcher, LIMSI CNRS, Member of CERNA-Allistène)

Break-Out Session 2: The Role of Digital Technologies in Learning and Education

This session highlighted changes and challenges AI applications are about to bring in the field of "Learning and Education". It became clear that these developments can greatly benefit from a disciplinary approach and the perspective of social scientists.

Digital technologies have a relatively long history in the field of learning and education. From the 1970s onward, intelligent tutoring systems have been an active Artificial Intelligence research and implementation field to facilitate student learning. In the learning sciences, interest in Artificial Intelligence approaches faded a bit in the 1990s when classical, rule-based solutions of tutoring systems ran into some problems. However, the last 15 years led to a renewed interest in Artificial Intelligence in Education, as new methods were deployed that were built on making inferences from large data-sets (educational data mining, learning analytics). Research on the role of digital technologies in learning and education has always been a multidisciplinary endeavor, combining findings from computer science, engineering, cognitive science, psychology, education, and neuroscience. Therefore, it is vital to bring together experts on the understanding of the working of the human mind with experts on the understanding of technological systems.

Chairs: Prof. Dr. Yuichiro Anzai (Senior Advisor, Director of Center for Science Information Analysis, Japan Society) and Prof. Dr. Dr. Friedrich W. Hesse (Scientific Vice-President of the Leibniz Association, Scientific Co-Chair of the Global Learning Council)

"The Role of the Ontological Engineering in Learning & Education"
Prof. Dr. Mitsuru Ikeda (Professor, School of Knowledge Science, Knowledge and Management Area, Japan Advanced Institute of Science and Technology (JAIST))

"Learning Needs Heterogeneity & Irritation"
Prof. Dr. Ulrike Cress (Executive Director, Leibniz-Institut für Wissensmedien (Knowledge Media Research Center) (IWM))

"From Artificial Intelligence to Artificial Sociality in Learning & Education"
Dr. Jürgen Buder (Head, Strategy Department of the Leibniz-WissenschaftsCampus Tuebingen "Cognitive Interfaces", Leibniz-Institut fuer Wissensmedien (IWM))

"Toward Evidence-Driven Education through User-Centered Learning Analytics"
Prof. Dr. Hiroaki Ogata (Professor, Academic Center for Computing and Media Studies, Kyoto University)

Break-Out Session 3: AI & the Environment / Smart Cities

In this session the possibilities and risks of "Smart cities" were discussed. The speakers pointed out how AI could improve safety and help to reduce energy costs as well as traffic congestion. Major challenges in these fields concerned the protection of people's privacy and the education of people about AI.

Cities are not just a collection of systems and networks; they are made of people, political institutions and social organisations. This session looked beyond AI technology and performances to address its impact on the governance and social organisation of cities. The objective was to analyse the impact of these new capacities on specific aspects, namely:

- The role of political decision-making in a city optimized by AI (city management and city planning);
- The new business models underpinning autonomous services (i.e. those with no operator), which upscale capacities;
- The risks and potential benefits of AI with regards the digital divide and social acceptance in cities;
- The impact of AI on the resilience of cities and people's dependence on them in their everyday lives (the benefits of augmented intelligence vs. the risks of losing individual abilities);
- What space is given to creativity and serendipity in an AI-driven city?

This session put technological opportunities into political and social perspectives. Finally, participants highlighted the key political and social choices made while developing AI solutions for cities and illustrated how public authorities and the general population can be part of the decision-making process.

Chairs: Hiroaki Kitano (CEO, Sony Computer Science Laboratories, Inc.) and Dr. Amélie Cordier

"AI & Cities: A Governance Issue"
Dr. Amélie Cordier (Chief Scientific Officer, Hoomano, President, "Lyon iS AI")

"The AI-powered Smart City: Making Cities Smarter & More Secure"
Toshihiko Takayama (Senior Manager, Strategic Solution and Business Development, Cisco Systems G.K)

"AI & Cities: A Political Issue"
Stéphane Tanguy (Chief Information & Technology Officer, EDF Labs)

"Efforts to Harness Open Innovation & Create New Business Utilizing IoT & AI in Yokohama"
Hideaki Takagi (Director, New Industry Creation Division, Growth Strategy Promotion Department, Economic Affairs Bureau, City of Yokohama)

Break-Out Session 4: AI Applications in Health Care

Key actors from Germany, Japan and France gave input on new advances in precision medicine and cancer treatment in the session on "AI Applications in Health Care". The participants emphasized that the quality and sizes of medical data bases represent one of the major challenges to be overcome to tap the full potential of AI technologies.

Demographic trends provide a huge challenge for health care systems in industrialized countries like Japan, France and Germany. AI has the potential to successfully address some of these challenges like shortage of healthcare professionals, making the rapid growth of medical knowledge available for diagnostic and therapeutic purposes independent of time and location, caring for elderly people in their homes, etc. This session discussed the most promising fields of application for AI in health and care, how Japan, France and Germany can combine their strengths to compete in the field and in international markets and how the highest quality outcome for patients can be assured.

Chairs: Dr. Kazuhiro Sakurada and Prof. Dr. Klaus Juffernbruch

"Artificial Intelligence in Precision Medicine"
Dr. Kazuhiro Sakurada (Deputy Program Director, Medical Sciences Innovation Hub Program, RIKEN)

"Do We Need Quality Standards for AI in Health Care?"
Prof. Dr. Klaus Juffernbruch (Professorship for Health & Social Management, FOM University, President, Expert Group "Intelligent Networks in Health Care" at German National Digital-Summit)

"Cognitive Mirroring: Computational Approach to Developmental Disorders"
Dr. Yukie Nagai (Senior Researcher, National Institute of Information and Communications Technology (NICT), Visiting Professor, Bielefeld University)

"Artificial Intelligence Enables Precision Diagnostics in Clinical Medicine"
Prof. Dr. Fabian Kiessling (Director, Institute for Experimental Molecular Imaging, RWTH Aachen University)

"Using Artificial Intelligence to Personalize Cancer Care"
Charlotte Robert (Associate Professor, Paris Sud University, U1030, Gustave Roussy Institute) & Lucas Fidon (Research Scientist, TheraPanacea (startup of Ecole Centrale Paris))

Break-Out Session 5: AI Applications in Mobility & Autonomous Driving

In the session on "AI Applications in Mobility and Autonomous Driving", experts from all three countries discussed the future of self-driving cars and traffic regulations. The overarching question was how to introduce AI technology into reality – focusing on autonomous, self-driving cars and other vehicles s – by overcoming current security, data collection, trust, and infrastructural challenges.

AI plays a key role for Autonomous Driving, including topics such as intelligent navigation systems, traffic regulation, next-generation delivery services, autonomous taxi services, or on-demand public transport. Market research by a major consultancy company predicts that consumer acceptance of these applications will be comparatively high. Here, consumers associate AI solutions mostly with more convenience and comfort in transport, improved safety and positive environmental effects.

Chairs: Dr. Hideyuki Tokuda and Prof. Dr. Philipp Slusallek

"Evolution of IoT Services & AI-enabled Connected Cars"
Dr. Hideyuki Tokuda (President, National Institute of Information and Communications Technology (NICT))

"Understanding the World with AI: Training & Validating Smart Machines Using Synthetic Data"
Prof. Dr. Philipp Slusallek (Head in the Research Department of Agents and Simulated Reality, German Research Center for Artificial Intelligence (DFKI), University of Saarbruecken)

"DeNA's Challenges to Realize Future Mobility Services"
Atsushi Yamashita (Senior Manager, Business Development & Management Department, Automotive Business Unit, DeNA Co., Ltd. &) & Hirohito Okuda (Senior Manager, AI System Department, DeNA Co., Ltd.)

"Integrated Uses of real-live Data & synthetic Data for the Development of AI-based Driving Functions"
Prof. Dr. Frank Koester (Head, Departments Automotive Systems, Railway System, Intermodality and Public Transport, Traffic Management, Institute of Transportation Systems, German Aerospace Center (DLR))

"AI for Railways: A Strategic Challenge for Mobility as a Service & for Industrial Operations"
Dr. Héloïse Nonne (Head, Data Science and Engineering, Digital Department, SNCF group)

Break-Out Session 6: AI Applications in Connected Industries and Productivity

How engineering facilities can profit from data sharing and still protect their privacy was discussed in the session on "AI Applications in Connected Industries". As data sharing between companies is a delicate problem already, participants were not optimistic about the realization of international data pools in this field, but also looked into methods of machine learning with small amounts of data.

The session presented insights into AI-based applications in industrial use cases. In the light of Industry 4.0, these applications become more and more crucial to gain usage of the vast amounts of data produced by manufacturing and engineering facilities. In this context, many questions arise, for example: How can data be exchanged between partners in a secure and privacy preserving way? How can we deal with situations, where the facilities - and the data they produce - are decentralised? How can the data be utilised to improve productivity and efficiency?

Chairs: Prof. Dr. Junichi Tsujii and Dr. Gunar Ernis

"Challenges in Connected Factories – The Next Phase of the AI Revolution"
Prof. Dr. Junichi Tsujii (Fellow, National Institute, Advanced Industrial Science and Technology (AIST), Director, Artificial Intelligence Research Center (AIRC), AIST, Professor at the University of Manchester)

"Industry 4.0 in Practice – Federated Learning & Data Sovereignty"
Dr. Gunar Ernis (Head, Business Unit Industrial Analytics, Fraunhofer IAIS)

"Four Waves of AI Business in Connected Industry: NEC the WISE & NEXT"
Dr. Satoshi Morinaga (Research Fellow, Data Science Research Laboratories, NEC Corporation)

"A Self-Learning AI through an Ontology-Driven Architecture"
Cedric Oette (Data Analyst, Data Science & AI, Schaeffler Technologies AG & Co. KG)

"Some of the Challenges of AI in an International High-Technology Group"
Dr. Daniel Duclos (Head, Signal & Information Technologies Department, Safran Research Center, Safran SA)

"Redefining Operator Work Environment with Socio-Technical AI Assistant"
Dr. Fabian Schreiber (Head, BMBF Young Research Group SozioTex, Institut für Textiltechnik, RWTH Aachen University)

Break-Out Session 7: AI Applications in Security and Safety

The seventh break-out session concerned "AI Applications in Security, Safety, and Communication". The discussion was shaped by two different approaches: AI to defend and AI to attack. The participants also raised ethical questions e.g., on data biases and responsibilities for machine failure.

This session aimed to show how AI can be used to create a safe and secure environment in the digital and physical worlds while remaining a strictly supervised tool unaltered by human preconceptions. To do so, this session drew on experts from leading developers of safety and security technologies using AI, as well as promising and innovative newcomers addressing lesser known but equally critical issues.

Chairs: Ken Hanazawa and Yan-Taro Clochard

"Research & Development of Face Recognition Technology in NEC"
Ken Hanazawa (Deputy General Manager, Biometrics Research Laboratories, NEC Corporation)

"Defensive and offensive AI for embedded cyber-security"
Yan-Taro Clochard (Director, Secure-IC Japan, Head of Sales North Asia)

"Cybersecurity Incident/Response Assistance using AI Technology"
Dr. Yuji Sekiya (Associate Professor, Information Technology Center, The University of Tokyo)

"Artificial Intelligence - A Gift & a Curse with Respect to Security & Privacy"
Dr. Michael Tagscherer (Chief Technology Officer (CTO), Giesecke + Devrient Mobile Security)

"Artificial Intelligence: From Research to Business Value"
Virginie Haas (Chief Revenue Officer, Shift Technology)

"AI-induced Discrimination: Risks & Solutions"
Anna Choury (CEO, Maathics)

Press Coverage

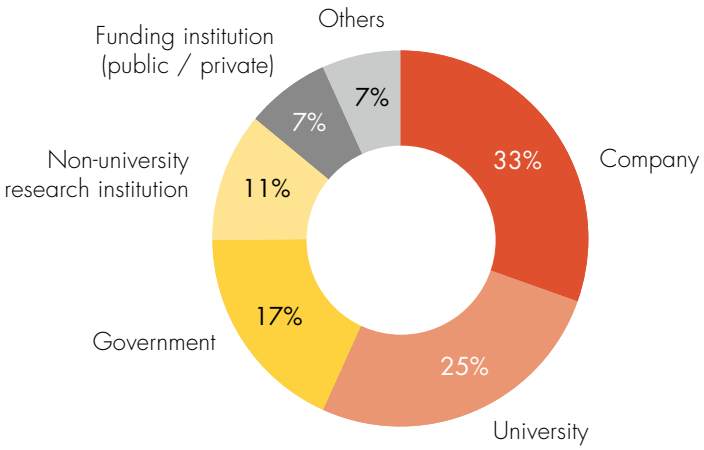
Date	Media	Title	Category
2018/6/21	DWIH Tokyo	Artificial Intelligence – International Research and Applications: 1st Japanese-German-French DWIH Symposium →	Web
2018/6/21	DWIH Tokyo	人工知能 – 国家間における研究及び応用：第1回人工知能に関する日独仏合同シンポジウム →	Web
2018/6/21	L'ambassade de France au Japon	Premier symposium Japon-Allemagne-France sur l'intelligence artificielle →	Web
2018/6/21	在日フランス大使館	第1回人工知能に関する日独仏合同シンポジウム →	Web
2018/8/25	DAAD Japan	DWIH Symposium: Artificial Intelligence – International Research and Applications →	Web
2018/9/25	State of Bavaria Japan	Artificial Intelligence – International Research and Applications: 1st Japanese-German-French DWIH Symposium →	Web
2018/9/25	State of Bavaria Japan	人工知能 – 国家間における研究及び応用：第1回人工知能に関する日独仏合同シンポジウム →	Web
2018/10/3	AINOW	人工知能 – 国家間における研究及び応用：第1回人工知能に関する日独仏合同シンポジウム →	Web
2018/10/3	EU-Japan Centre	ARTIFICIAL INTELLIGENCE – INTERNATIONAL RESEARCH AND APPLICATIONS: 1ST JAPANESE-GERMAN-FRENCH DWIH SYMPOSIUM →	Newsletter
2018/10/4	一般社団法人コンピュータソフトウェア協会	「人工知能 – 国家間における研究及び応用：第1回人工知能に関する日独仏合同シンポジウム」のご案内 →	Web
2018/10/4	The Robotics Society of Japan	「人工知能 – 国家間における研究及び応用：第1回人工知能に関する日独仏合同シンポジウム」のご案内 →	Web
2018/10/5	日本バイオインダストリー協会	ドイツ 科学・イノベーション フォーラム 東京：「人工知能 国家間における研究及び応用：第1回人工知能に関する日独仏合同シンポジウム」のご紹介（11/21-22、東京、申込締切11/7）→	Web
2018/10/14	EURAXESS	1st Japanese-German-French Symposium on Artificial Intelligence →	Web
2018/10/16	Deutsche Botschaft in Japan	人工知能 – 国家間における研究及び応用：第1回人工知能に関する日独仏合同シンポジウム →	Web
2018/10/17	AMED	ドイツ 科学・イノベーション フォーラム 東京（DWIH 東京）「人工知能 - 国家間における研究及び応用 第1回人工知能に関する日独仏合同シンポジウム」開催のお知らせ（AMED後援イベントのご案内）→	Web
2018/10/19	GROW360	弊社代表福原が人工知能 – 国家間における研究及び応用：第1回人工知能に関する日独仏合同シンポジウムに登壇します →	Web
2018/10/24	Learning and Educational Technologies Research Unit Kyoto University	【11/21, 2018】講演（緒方教授）@「人工知能 – 国家間における研究及び応用：第1回人工知能に関する日独仏合同シンポジウム」, 虎ノ門ヒルズ →	Web
2018/10/30	NRW Japan K.K.	DWIH 東京・日独仏合同シンポジウム＜人工知能 – 国家間における研究及び応用＞11/21&22 in 虎ノ門ヒルズ →	Web
2018/10/31	日本バイオインダストリー協会	ドイツ 科学・イノベーション フォーラム 東京：「人工知能 国家間における研究及び応用：第1回人工知能に関する日独仏合同シンポジウム」のご紹介（11/21-22、東京、申込締切11/7）→	Web
2018/10/31	NRW Japan K.K.	DWIH 東京・日独仏合同シンポジウム＜人工知能 – 国家間における研究及び応用＞11/21&22 in 虎ノ門ヒルズ	Newsletter

Press Coverage

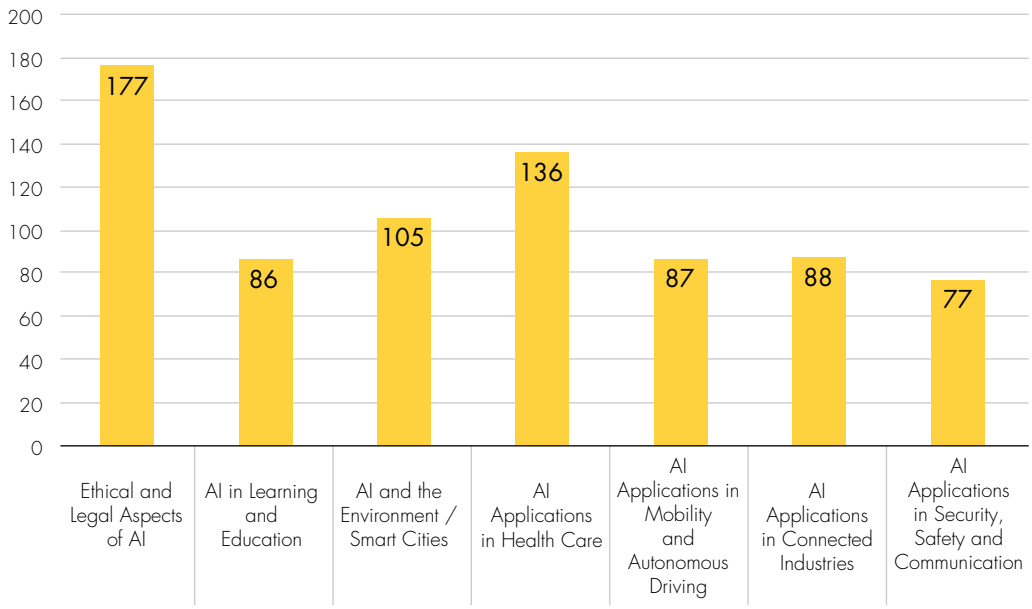
Date	Media	Title	Category
2018/11/8	Institut DITAIA	L'Institut DATAIA est partenaire du 1er événement tripartite Japon-Allemagne-France autour de l'Intelligence Artificielle intitulé « Artificial Intelligence – International Research and Applications: 1st Japanese-German-French Symposium » organisé par le Service pour la Science et la →	Web
2018/11/8	Research in Germany	DWIH Tokyo Symposium on AI: Experts from France, Germany and Japan gather in Tokyo to discuss latest developments in Artificial Intelligence	Web
2018/11/16	DFKI	1st Japanese-German-French DWIH Symposium on Artificial Intelligence →	Web
2018/11/16	Fraunhofer Representative Office Japan	Artificial Intelligence – International Research and Applications: 1st Japanese-German-French DWIH Symposium →	Web
2018/11/16	Fraunhofer Representative Office Japan	人工知能 – 国家間における研究及び応用 第1回人工知能に関する日独仏合同シンポジウム →	Web
2018/11/19	Research in Germany	Expert from Germany, Japan and France speak on Artificial Intelligence in Tokyo →	Web
2018/11/20	DeNA	「人工知能 – 国家間における研究及び応用： 第 1 回人工知能に関する日独仏合同シンポジウム」に登壇します →	Web
2018/11/22	CAO	平井内閣府特命担当大臣繰上げ閣議後記者会見要旨 平成30年11月22日 →	Web
2018/11/22	Japanese Government Internet TV	平井大臣繰上げ閣議後記者会見（平成30年11月22日）→	Newsletter
2018/11/26	DAAD	Deutsches Wissenschafts- u. Innovationshaus Tokyo organisiert Symposium zur Künstlichen Intelligenz →	Web
2018/11/27	Kooperation international	Deutsches Wissenschafts- und Innovationshaus Tokyo: Veranstaltungsrückblick auf das Japanisch-Deutsch-Französische Symposium für Künstliche Intelligenz →	Web
2018/12/2	DWIH Tokyo	Report: 1st Japanese-German-French DWIH symposium on Artificial Intelligence →	Web
2018/12/3	l'ambassade de France au Japon	Succès du symposium 2018 germano-franco-japonais sur l'intelligence →	Web
2018/12/3	在日フランス大使館	第1回人工知能に関する日独仏合同シンポジウム開催報告 →	Web
2018/12/11	Ritsumeikan University	R-GIRO Chosen to Moderate the First Japan-Germany-France Symposium on Artificial Intelligence →	Web
2018/12/11	立命館大学情報理工学部 情報理工学科創発システム研究室	当研究室の専門研究員El Hafi Lotfi博士が第1回人工知能に関する日独仏合同シンポジウムの司会を務めました →	Web
2018/12/13	Ritsumeikan University	R-GIRO Chosen to Moderate the First Japan-Germany-France Symposium on Artificial Intelligence →	Web
2018/12/20	DAAD	Künstliche Intelligenz und echte Begegnungen →	Newsletter
2018/12/20	DAAD	DWIH vernetzt KI-Experten aus drei Ländern in Tokyo: „Der Mensch im Mittelpunkt" →	Web
2019/1/18	Asiatimes	How AI can reduce traffic in Asian megacities →	Web

Evaluation

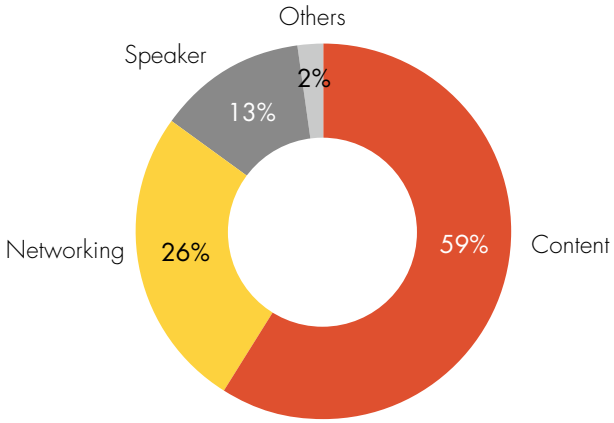
Registrations (Nov, 21 +22)



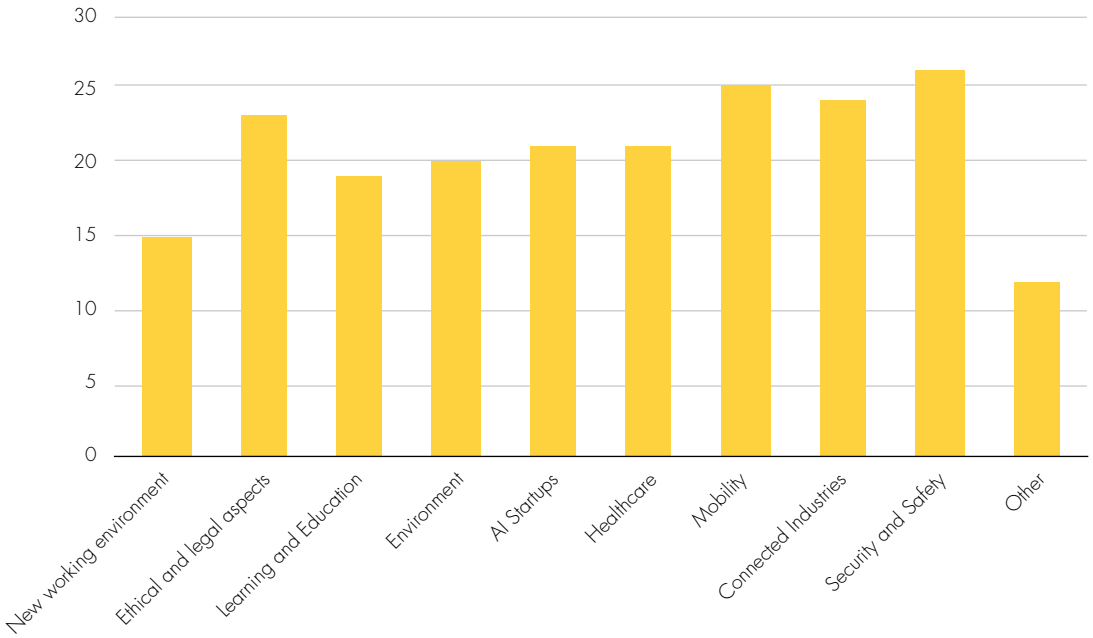
Participants per Session



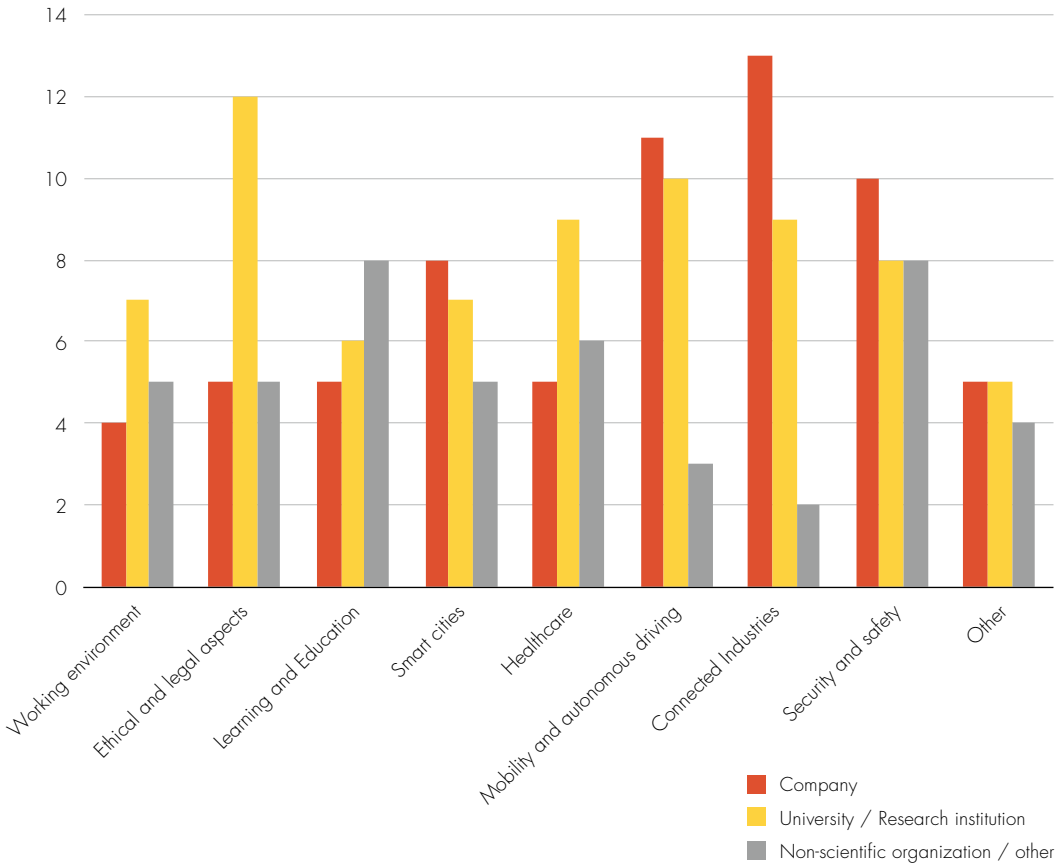
Main Reasons for attending



Focus Future Events



Future Events by Affiliation



Acknowledgements

With more than 350 participants and 65 speakers from Japan, Germany and France, our first trilateral symposium on Artificial Intelligence in Tokyo was a great success. This was made possible by the valuable support of many persons and organisations to whom we would like to express our gratitude.

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