

# RESEARCH REPORT 2019

ANNUAL RESEARCH REPORT OF THE  
ALEXANDER VON HUMBOLDT INSTITUTE FOR INTERNET AND SOCIETY



## ABOUT THE INSTITUTE

The Alexander von Humboldt Institute for Internet and Society (HIIG) researches the development of the internet from a societal perspective. The aim is to better understand the digitalisation of all spheres of life. As the first institute in Germany to focus on internet and society, HIIG has established an understanding that emphasises the embeddedness of digital innovations in societal processes. Drawing on the scientific competencies brought together at the institute, HIIG is making substantive contributions to our understanding of the relationship between innovation and governance in the digital society. The challenge is to comprehend and change societal values and norms, for example, when developing technologies and business models, but also to do so in an innovation-friendly manner.

The HIIG was founded in 2011 by the Humboldt-Universität zu Berlin, the University of the Arts Berlin and the Social Science Research Center Berlin, in alliance with the Hans-Bredow Institute for Media Research in Hamburg as an integrated co-operation partner.

# RESEARCH REPORT 2019

|  |           |
|--|-----------|
| About the institute . . . . .  | 3         |
| Strategic objectives 2019 . . . . .  | 5         |
| <b>The institute's lineup . . . . .</b>  | <b>6</b>  |
| Research on digitalisation from a societal perspective . . . . .   | 8         |
| Research programmes . . . . .  | 9         |
| I. The Evolving Digital Society: Concepts, Discourses, Materialities   |           |
| II. Data, Actors, Infrastructures: The Governance of Data-driven Innovation and Cybersecurity                        |           |
| III. Knowledge & Society: What are the Emerging Patterns of Knowledge Creation and Dissemination in the Digital Age? |           |
| Research groups . . . . .  | 14        |
| Innovation & Entrepreneurship  |           |
| Global Constitutionalism and the Internet  |           |
| Research projects . . . . .  | 16        |
| Telemedicine   |           |
| Open! – Methods and Tools for Community-based Product Development  |           |
| Competing and Complementing (KOKOS)  |           |
| Pelagios   |           |
| Task Force: European Platform Economy  |           |
| Third Engagement Report  |           |
| KIWI – Artificial Intelligence & Knowledge Work  |           |
| Innovative Open Access in Small Sciences (InnOAccess)  |           |
| AI & Society Lab   |           |
| <b>Publications and edited works from the HIIG and its researchers . . . . .</b>                                     | <b>22</b> |
| European node of an international research network . . . . .   | 31        |
| Network and international relations . . . . .  | 31        |
| Network of Centres, European Hub   |           |
| Promoting up-and-coming researchers and academic visitor programmes  |           |
| Transfer of research through events, platforms and communication . . . . .   | 32        |
| Events, workshops, conferences   |           |
| Internet Policy Review   |           |
| Communication  |           |
| Appendix: Monitoring of the institute's activities . . . . .   | 37        |

## STRATEGIC OBJECTIVES 2019

### **Researching digitalisation from a societal perspective**

The institute follows its objectives in a distinctive way: we use institutional support to develop open and flexible projects. Programmatic research questions structure our work and enable a strategic research orientation. HIIG offers pioneering thinkers of the digital society the opportunity to set the agenda early on and to create networks. We promote unconventional approaches and are open to ideas from all parts of society. HIIG builds interdisciplinary bridges instead of faculty boundaries.

### **European hub of an international research network**

In order to achieve its goals, the institute acts as a node in an international network of knowledge production and distribution. With this in mind, it invites established thinkers to lecture on current structural changes and offers young researchers to use the space as an incubator for their ideas. The institute facilitates international researcher networking in order to increase scientific collaboration and to exploit the potential of such collaborations. For HIIG, a European perspective is crucial to the process of increasing the quality of debates both locally and globally.

Pursuing the overall aim of facilitating research on the internet and society, the HIIG team pursued the following objectives in 2019:

- Strengthening HIIG's profile and distinctive characteristics
- Fostering research on HIIG's guiding concern – the tension between innovation and governance – in all programmes and projects
- Enhancing the European perspective, both in research activities and in the strategic orientation of the entire institute
- Establishing HIIG as a thought leader and advocate for an open, inclusive and sustainable form of AI in Europe with respect for human rights, and preparing to set up an AI & Society Lab that is impactful throughout Europe
- Serving as the European hub's leading centre and initiating and strengthening network building measures
- Advancing research transfer through topic-oriented events and communication

Additionally, we maintained a strong focus on securing long-term funding for the institute and succeeding in relevant competitively awarded third-party funding applications.

## THE INSTITUTE'S LINEUP



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Sonja Köhne



Enad Altaweel



Kai Gärtner



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Philipa Weyers



Julia Tiemann-Kollipost



Luise Wolf

## FELLOWS AND ASSOCIATES

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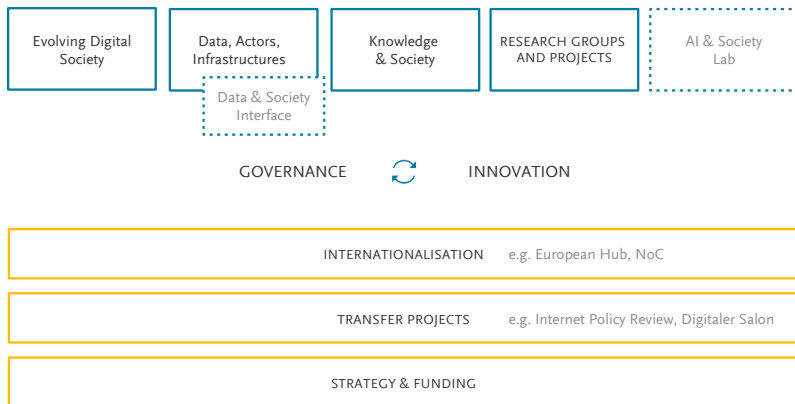
## FAREWELL 2019

Franziska Cagic · Philipp Darius · Bronwen Deacon · Franziska Franz · Joram Grüenberg · Timo Hackl · Vivien Hard · Rebecca Kahn · Irma Klünker · Natalie Kreindlina · Ronja Lamberty · Florian Lüdtke · Juliane Meißner · Konrad Muschick · Philip Nebe · Christopher Olk · Ingolf Pernice · Marc Pirogan · Anne-Kristin Polster · Armin Sauermann · Ilja Sperling · Falk Stratenwerth · Niklas Trinkhaus · Konstantinos Tsakiliotis · Teresa Völker · Katrin Werner · Alina Wernick · Jacek Wiland · Peter Witzel

## RESEARCH ON DIGITALISATION FROM A SOCIETAL PERSPECTIVE

The Alexander von Humboldt Institute for Internet and Society (HIIG) aims to broaden the theoretical and empirical foundations of internet and society research in order to contribute to a better understanding of the digital society. In the process of digitalisation, societies undergo changes. When seeking to identify and assess these societal changes, our conceptual frame of reference is the relationship between innovation and governance.

Our research agenda is organised into temporary programmes that are driven by broad research questions reflecting all of the institute's disciplines. Larger research groups and projects each address the research questions in various ways and/or generate short-term studies on current topics. Furthermore, an AI & Society Lab will conduct interdisciplinary research while fostering an active exchange of knowledge with relevant stakeholders. Additionally, we initiate transfer activities to build bridges between different stakeholders such as academia and business. Finally, the institute is working on securing its long-term funding. In this regard, the funding strategy plays an active role in the entire research agenda. The general structure is presented in the following graph:





## RESEARCH PROGRAMMES

The HIIG has developed three long-term research programmes with a focus on the relationship between innovation and governance, which together provide the framework for research activities at HIIG. The following research programmes are currently forming the HIIG's agenda:

- The Evolving Digital Society
- Data, Actors, Infrastructures
- Knowledge & Society

### I. The Evolving Digital Society: Concepts, Discourses, Materialities

The digitalisation of society, politics and the economy affects all aspects of our lives in a fundamental way. In our first research programme, The Evolving Digital Society, we look at the theories, discourses but also the material dimension of technological objects that shape and make sense of digital societies.

Regarding **concepts and theories**, our lecture series Making Sense of the Digital Society (in cooperation with the Federal Agency for Civic Education) has gained strong visibility and will continue to be a lighthouse project for the institute. By inviting leading academics such as Eva Illouz, Dirk Baecker, José van Dijck, Louise Amoore, Armin Nassehi, Shoshana Zuboff and Rasmus Kleis Nielsen to Berlin, we have successfully positioned ourselves as a key forum for addressing long-term changes from a predominantly European perspective beyond the latest hype. In 2019, we started leveraging this potential more strategically by introducing different formats, including podcasts and print interviews with renowned speakers. Most notably, in late 2019 the special section "Defining Concepts of the Digital Society" was launched as part of the journal *Internet Policy Review* (IPR). These baseline articles provides reference texts by leading scholars to frame academic and policy discussions and to inform teaching. They tackle key concepts such as algorithmic governance, autonomous systems, datafication, filter bubble, privacy and platformisation. In collaboration with the Weizenbaum Institute for the Networked Society and the German Communication Association, we also hosted an international conference with 120 attendees on Automating Communication: Contexts, Consequences, Critique. In 2020, both the lecture series and the IPR special section discussing key terms will continue to discuss and develop theories and concepts of the digital society.

With respect to **discourses**, a number of small-scale studies and collaborations started earlier have grown in 2019 into international research consortia and grant proposals. These include systematic comparative research on how discourses and controversies, for example on AI, not only reflect change but substantially contribute to shaping the digital society by

setting priorities, providing explanations and politicising issues. Partners are the Institut d'Études Politiques de Paris (Sciences Po), the University of Cambridge, Massachusetts Institute of Technology (MIT) and the Université de Québec and Peking University. Christian Katzenbach served as guest editor for a special issue on future imaginaries and their role in tech and policymaking of the journal *New Media & Society* as well as for a special issue on “the turn to AI” of *Big Data & Society*. Both issues will be published in early 2020.

Regarding the **materialities** research perspective, we organised two conferences in 2019 that focused on particular artefacts, namely robots and autonomous weapons systems (AWS). One of the key findings was that many of the expectations and fears being projected onto these technologies are shaped by preconceived images of seemingly intelligent machines but do not necessarily reflect their actual capabilities. Phenomena such as machine learning, autonomy or decision-making are often misguidedly associated with notions and expectations of intentionality, free will or consciousness. Thomas Christian Bächle published a co-edited book *Die Maschine: Freund oder Feind? Mensch und Technologie im digitalen Zeitalter* [The Machine: Friend or Foe? Humans and Technology in the Digital Age], which looks at the consequences of ever more pervasive techno-material objects. Subsequent research in 2020 will include field research in Japan and specifically analyse humanoid robots as artificial social agents. This comparative perspective aims to uncover different meanings attributed to technological artifacts (e.g. autonomy, intelligence and sentience).

In addition to these activities, the research programme has contributed to collaborative initiatives across the institute. These include research on platform governance (by a Horizon 2020 project on platform governance and copyright, cf. below), the development of the institute's AI + Society Lab, research on the social, ethical and legal challenges arising with eHealth technologies (conducted as part of the project The Futures of Telemedicine, cf. below), and the development of sustainable open access models (by a DFG-funded project together with the *Internet Policy Review*, cf. below). Taken together, these conceptual and empirical activities provide rich material for making sense of key transformations in the digital society.

## II. Data, Actors, Infrastructures: The Governance of Data-driven Innovation and Cybersecurity

Innovation processes, particularly in the area of information technologies, are often driven by data processing. This means that data plays an important role in the digital society, with new technologies and new modes of data analysis and surveillance challenging established relations in the economy, the labour market, health, insurance and cybersecurity, as well as in public administration. In our second research programme, The Governance of Data-Driven Innovation and Cybersecurity, we investigate these challenges to governance structures

and processes with a particular focus on the competitive context. This will facilitate the development of approaches balancing both the benefits and threats of automated data processing.

We reconceptualised the research programme in 2019. This proceeded first by initiating the Data & Society Interface, second by putting a stronger research focus on technology, and third by carrying forward selected aspects from the discontinued Global Constitutionalism and the Internet research group. The research programme's main focus was on the two lighthouse projects launched in 2018, Data Governance and Data Protection as a Service.

Our new **Data & Society Interface** aims at leveraging societal self-observation by developing formats and establishing best practices that help to bring together organisations and their data with researchers and their questions. Thus, the project aims to overcome the lack of interfacing experience in internet and society research in terms of the actual practices, i.e. on (non-technical) interfaces at the organisational level. A particular focus will be on addressing legitimate interests to protect trade secrets, privacy issues and some reluctance on the side of the companies to open up. A first model project will investigate how energy data may be used to strengthen the power grid's security and resilience, with more projects to follow. Based on our experience with these projects, we will create templates for good practices and ethical standards.

The objective of the **Data Governance** project is to understand how better governance may foster the pro-innovative reuse of data, for instance through third-party intermediaries and legislative changes where necessary. In 2019, the project conducted exploratory research on the online advertising industry, the automotive sector as well as the smart city context. This occurred in addition to conceptual work on the normative objectives in data governance. Over the last year, the research group has drafted a working paper which was also the foundation for an academic expert workshop. On this basis, the research group is currently finishing a HIIG Discussion Paper and organising a workshop at the International IGF in Berlin. Further, the group is drafting a second academic paper which will be presented at a conference in Belgium. The aim of the project is to assess potentially conflicting interests between actors in data sharing and to consider which data governance models may mitigate these conflicts.

In 2019, the second project **Data Protection as a Service (DPaaS)** focused on the particular challenges faced by SMEs (small and medium-sized enterprises) implementing GDPR-compliant personal data processing on third-party processors. We developed a certification scheme with associated design criteria for technical and organisational measures to be carried out by web hosters to assist website owners to comply with the provisions of the EU General Data Protection Regulation. In 2020, the project will broaden its focus to include more complex constellations of actors as well as concrete systems development processes. The aim is to develop technical and legal approaches that allocate responsibility

for implementing and enforcing data protection requirements to actors with requisite resources and the necessary knowledge in order to significantly improve security and data protection in practice, while unburdening actors that lack both resources and knowledge, such as smallest, small and medium-sized enterprises and non-profit organisations.

Continuing the **Global Privacy Governance** project's successful series of interdisciplinary workshops on privacy, surveillance and data protection that address early-career researchers and provide a forum for presenting work in progress, we organised and hosted two workshops. The first of these took place in July and had a strong focus on analytical concepts and power struggles. It was accompanied by a panel discussion on how privacy, surveillance and data protection are understood differently against the backdrop of different epistemic and legal cultures, and featured speakers from both sides of the Atlantic. The second workshop in December concentrated mainly on theoretical works but also included presentations on online tracking and the lack of transparency in data practices of law enforcement agencies. In 2019, the outcome of the October 2018 conference in New York, organised in cooperation with NYU, was published in an edited volume. With contributions from experts from academia, administration, business and civil society, the publication outlines the development of common approaches to cybersecurity and privacy in a globalised world.

This year, it was not at all easy for us to say goodbye to Ingolf Pernice, one of the co-founders and directors of HIIG. We are grateful for the many years of dedication, curiosity, expertise, passion and openness with which he accompanied HIIG and wish him all the best for the future.

### III. Knowledge & Society: What are the Emerging Patterns of Knowledge Creation and Dissemination in the Digital Age?

The research programme Knowledge & Society brings together research on the changing dynamics in knowledge production, organisation and transfer in three thematic priorities: Open Science & Research Integrity, Science Communication & Impact and Higher Education & Innovation. We combine research on these priorities with stakeholder-oriented transfer formats. In 2019, we were working actively on a series of research projects and transfer initiatives:

#### **Open Science & Research Integrity: Digital REseArch Mining**

The Digital REsearch Mining (DREAM) project, which is supported by the Federal Ministry for Education and Research, developed a prototype for a mobile application that simplifies searching for open access scientific content. The app ploc (pocket library for open content) primarily targets scientists and students who are searching for or producing scientific content as well as other persons seeking to broaden their network. We conducted a user

evaluation with 43 user interviews combining standardised and open questions. The app is available as a beta version. We are currently preparing a proposal for further development of the application.

### **Science Communication & Measurement: Indicators, Measurement and Performance of Quality Assurance – Third-Mission Activities in the Social Sciences (IMPaqT)**

The research project has three aims: developing indicators and quality criteria for social science transfer activities, checking their measurability and deriving intra-organisational quality assurance measures. This project started in June 2019 in collaboration with the German Centre for Higher Education Research. In 2019 we conducted 25 interviews with untypical groups about their relationship to science and carried out an extensive systematic review. We will conduct expert workshops building on these results next year in order to formulate quality criteria and, eventually, indicators and measurement strategies.

### **Higher Education & Innovation: Action for Computational Social Science (ACTiSS)**

ACTiSS, which is supported by ERASMUS+, will develop a massive open online introductory course on key concepts and methods in computational social sciences. It will include diverse digital learning materials such as lecture videos, real life showcases, interviews with practitioners, scripts, exercises, quizzes and reading lists. The project is jointly implemented by the University of Warsaw, the HIIG and the Groningen Center for Social Complexity Studies. In 2019, we finished the first set of learning units, including the videos.

### **Higher Education & Innovation: Study on Research Infrastructures**

Which new tools and services are emerging within the research lifecycle and what role can they play in academic value creation? How are they changing scientific practice? How do commercial services differ from non-commercial services? In order to answer these questions, we conducted 36 in-depth interviews with developers and project managers who create and maintain applications and web platforms for research for a qualitative study that will be finished in 2019. Our aim is to understand how new services try to become a research infrastructure, i.e. being embedded in research.

### **Open Science & Research Integrity: Elephant in the Lab**

Elephant in the Lab is a blog journal that covers those problems in science that everyone sees but nobody talks about: the journal system, the idiocy of authorship citation cartels and the difficulties on the job market faced by young or female researchers. Since its launch in 2018, we published over 60 articles and have increasing visitor numbers and requests for contributions.

### **Science Communication & Measurement: Twentyforty**

In May 2019 the research programme organised the international essay competition twentyforty, in which scientists from ten different countries from all over the world were invited to a five-day writing sprint in Berlin. Researchers reflected on the opportunities and challenges presented to future societies by digital technologies in 13 visionary stories. These were submitted by all participants and will be published in a book in early 2020. Apart from that, a number of additional activities are planned in order to reach an audience outside of academia. For instance, the project was presented during the Long Night of the Sciences in Berlin and will be presented at the science fiction festival. Furthermore, the project will set up an exhibition at Goethe-Institutes around the world.

### **Science Communication & Measurement: Impact School**

This three-day training programme is tailored to up-and-coming researchers who want to learn the skills necessary to maximise the impact of their research beyond academia. The interactive and problem-oriented sessions are presented by renowned experts in their respective fields and cover three dimensions of societal impact: economic, political and media impact. As lecture material we use the Research Impact Canvas, a tool that we developed ourselves. In 2019, 25 PhD candidates and postdocs from diverse cultural and disciplinary backgrounds took part in the Impact School.

## RESEARCH GROUPS

Larger research groups develop a particular area of research and bring together projects that correspond to this specific thematic focus. They contribute to the research programmes in selected areas while strengthening disciplinary competence in their respective fields.

### **Innovation & Entrepreneurship**

After the strategy review last year, the Innovation and Entrepreneurship Group (IEG) has both consolidated and grown considerably, incorporating a number of new and ongoing projects, while pursuing its stated mission “understand, inform and co-create innovation and entrepreneurship in a rapidly changing, globally interconnected digital economy”.

The Innovation and Entrepreneurship Group delivered multiple workshops, publications and other formats around digital business models, cooperation and learning and acquired additional funding in September 2019 to focus on AI within the Mittelstand 4.0 Competence Centre. In the project Competing and Complementing, researchers investigate worker participation via digital platforms by examining new forms and processes of employee participation online. This project will run until the end of 2019. From May 2019, the

KIWI (Künstliche Intelligenz und Wissen, or Artificial Intelligence and Knowledge) project investigates how AI is impacting the workplaces of knowledge workers. In the OPEN!NEXT-project, researchers study the meaning of open source innovation for future companies (details of all projects see below).

IEG researchers completed and disseminated several high-profile publications. The Demystifying AI project published a journal paper and a white paper giving an overview of the emerging AI landscape in Germany. Several publications explore Innovation Hubs in their regional contexts. The first phase of the Mittelstand 4.0 Competence Centre has produced a contribution on the digitalization of SMEs and associated challenges, and the Competing and Complementing project published a paper about AI and the future of men and machines, as well as several newspaper articles. Other articles explore enabling factors of social innovation processes and governance mechanisms in platform ecosystems.

The task force European Platform Economy developed project proposals about “Strategies and Cooperative Governance of the Digital Platform Economy in Europe”, submitted to the Hans Böckler Stiftung, and “Barriers and drivers for cooperation of SMEs in data-based markets”, submitted to the German Ministry of Finance. Further, the group started a small pilot project investigating how organizations make use of technology to create social value and is preparing for a conference on Justice in the Global Digital Economy, which will take place in the spring of next year.

The **Mittelstand 4.0 Competence Centre Berlin** is the cross-industry contact point for small and medium-sized enterprises in Berlin and Brandenburg as well as throughout Germany. The Centre offers various formats to support participating companies in conceiving of and implementing specific digitisation initiatives, in acquiring new knowledge and skills or in networking with relevant start-ups. HIIG contributes to the projects run by the Competence Centre, which is funded by the Federal Ministry for Economic Affairs and Energy (BMWi), in four focus areas: (1) digital business models: HIIG offers tailored support for developing digital business models in so-called strategy sprints, (2) collaboration between startups and SMEs: HIIG offers workshops bringing together startups and established organisations to foster synergies and innovation, (3) digital education and training: HIIG develops a tool for supporting development of digital skills in SMEs, (4) AI and SMEs: inspired by HIIG’s startup clinics, AI clinics offer support to SMEs that want to learn more about AI and the opportunities it brings for their organisation. In AI Workshops, HIIG offers further support on the implementation of AI applications in different use cases. While providing hands-on support for SMES, HIIG also develops transferable knowledge about the specific challenges and opportunities SMEs face in those focus areas, and it publishes reports, videos, guidelines, journal papers and blog posts. Other project partners are the Bundesverband mittelständischer Wirtschaft, the Hasso Plattner Institute, the University of Potsdam and the Brandenburg University of Applied Science.

## Global Constitutionalism and the Internet

In 2019, this research group focused on three main areas: e-identity-supported digital democracy (see the DECIde project description below), the governance of cybersecurity and the public administration's digitisation. The research group conducted a comparative analysis of strategies of cybersecurity policies in different countries on both sides of the Atlantic, which was presented at a high-level conference on law and security in the digital realm. The Digital Public Administration project expanded on its work on the public administration's increasing application of AI methods, such as machine learning or automated decision-making. The digital reading and discussion circle, which was established last year, was successfully institutionalised as a Digital Constitutionalism Working Group. Researchers from HIIG and abroad use this working group to regularly meet face-to-face and via video conferencing to discuss current issues in this field. The research group also continued to projects described elsewhere in this report, especially the Global Privacy Governance project, which culminated in the publication of the contributions to the 2018 conference in cooperation with NYU in an edited volume in late 2019.

The project DECIde aimed to design and develop a technical prototype combining e-identities and random sample voting (RSV) that could be added to the toolbox of political participation and would enhance the sustainability of a vibrant European democracy. We developed the prototype in 2019 and tested it at the end of January with students from Humboldt University in Berlin. With the experience gained through these tests, we finalised the work on the prototype at the end of June and conducted a real-life test in cooperation with the trans-European organisation European Alternatives between July and August. This was combined with an empirical analysis, which was included in the final report, and an SSRN working paper, which was published at the end of the project cycle in late August.

## RESEARCH PROJECTS

Individual research projects add to and strengthen our programme-oriented research but also serve as a means to conduct short-term studies to provide reliable results on current topics.

### Telemedicine

The interdisciplinary project exploring eHealth technologies (in particular telemedicine and mobile health) identified the social and ethical as well as legal challenges that arise with these innovative technologies. From a social and ethical perspective, these challenges included the tendency towards universal data collection (incl. privacy and data security concerns and the risk of overdiagnosis), the monetisation of data (which can reinforce



social and economic inequalities) and the ambivalent questions of personalised healthcare and patient autonomy. From a legal perspective, we found uncertainty to be the central challenge surrounding eHealth, with existing legal norms not applying seamlessly to novel technologies or existing laws being silent. Legal uncertainty increases whenever eHealth is applied in a cross-border context. Harmonisation of legislation does not offer a comprehensive solution, as the General Data Protection Regulation shows. Its rules on processing health data contain several references to national legislation.

We hosted an international conference in April 2019, which served as a critical forum for the current debates on digital health technologies. The results were made available in a comprehensive publication that details social, legal and ethical opportunities, risks, benefits and challenges of innovative digital health technologies.

The project ended in June 2019 and was funded by the Silicon Valley Community Foundation through a research fund provided by Cisco Systems.

### Open! – Methods and Tools for Community-based Product Development

We worked on the project in close cooperation with the Technical University of Berlin and the Grenoble Institute of Technology in France. The aim of HIIG's work package was to better understand the possibilities, prerequisites and consequences of business models for open source hardware projects.

We conducted a literature analysis of research on general business models and found that central concepts in the literature, such as partners, resources and activities, need to be considered in a more differentiated way. In addition, we found a tendency in the literature to describe value creation and to neglect value capture.

Together with the Sirius Minds Institute, we conducted a study with four IoT (Internet of Things) companies on how to integrate a business-driven perspective. Through interviews with experts and company and community members, we identified a new capability for the firms. This capability, which we call curation capability, is a combination of company-internal activities (such as strategic decisions), intermediary activities at the interface between companies and company-external activities of users and customers. Further important observations from the work package are the costs for interacting with an external community, which arise through professional management of the community interface, the differentiation of external core contributors and, finally, the importance of an emotional commitment from core contributors. The data collection and evaluation of work packages is completed and a publication is in progress. The project is finished and we are continuing to work on the topic in the H2020-funded Open!Next project.

## Competing and Complementing – The Relationship Between Co-determination and New Participatory Platforms within Companies (KOKOS)

In our project Competing and Complementing, we investigate worker participation via digital platforms by examining new forms and processes of employee participation online.

After conducting a systematic literature review, we interviewed experts and conducted an in-depth case study. Then we invited works council members to a workshop to offer their views on the use of Enterprise Social Software (ESS) for co-determination. We found that the significance of company-internal social media such as ESS is increasing. We came to the conclusion that new constraints and affordances of information processing can lead to heightened information asymmetries among employees because access to ESS and digital competencies are unequally distributed. Further, there are diverse incentives for works council members to integrate ESS into their own workflows. We finished the project at the end of the year by completing a book chapter and the final study. In terms of non-academic knowledge transfer, we produced four public videos, launched the science blog dossier Working in the Digital Age with contributions from scholars across disciplines and presented our research results at six semi-academic events.

We conducted this two-year research project in collaboration with the Forschungszentrum Informatik (FZI Research Center for Information Technology). The project was supported by the Hans Böckler Foundation.

## Pelagios

2019 was a transitional year for Pelagios, as it was the last phase to be supported by the A. W. Mellon Foundation. This year's focus, therefore, has been on securing the continuation of our infrastructure and methods for linked data and semantic annotation in humanities research. This activity took two forms: technical development and community building. Supported by a DARIAH Theme Grant, we strengthened the interoperability and ensured the longevity of Pelagios tools by integrating our Linked Data Annotation tool, Recogito, with TextGrid's TEI repository and the GeoBrowser spatio-temporal analysis tool. The Pelagios way of linking data focuses on empowering people to connect different digital resources. The result has been a lively community working with geographic data in the humanities (history, literary studies, archaeology, etc.), and in cultural heritage institutions (galleries, libraries, archives and museums). This diverse network of individual institutions, groups and researchers collaborating on projects represents the best way of strengthening and sustaining the Linked Open Data ecosystem. From now on, Pelagios – in the form of the Pelagios Network – will be in the hands of the community. This will enable the Network to grow and sustain its community beyond the constraints of single project phases. While all work remains within the purview of individual partners (including HIIG), the Pelagios

Network offers a framework for partners to develop and coordinate collaborative work on Linked Open Geodata.

### Task Force: European Platform Economy

In 2019, the HIIG established the Task Force European Platform Economy as a collaborative hub that conducts and fosters research on digital platforms, builds up a network of platform experts and promotes knowledge transfer and exchange. It specifically pools activities from research programme I (The Evolving Digital Society) and the IEG research group. In addition to HIIG researchers, it includes experts from our academic and stakeholder networks who study the implications of global platformisation for European actors and institutions. The task force works in an exploratory and flexible manner across several projects and disciplines and collaborates with external researchers, policymakers and business experts. To facilitate regular dialogue across stakeholder groups and geographies, the task force organises roundtables, talks and workshops in Berlin and across Europe. In addition, HIIG director Jeanette Hofmann contributes as a member to the Expert group to the EU Commission's Observatory on the Online Platform Economy. Kirsten Gollatz successfully completed her PhD on platform governance at the University of Zurich, which focused specifically on the interplay between public discourses and the platforms' continuous adaptation of content policies. We have successfully acquired funding for a three-year project (EU Horizon 2020) in order to continue this stream of work. The team at HIIG will investigate the role of platforms in ordering and regulating copyright and creative practices by means of content moderation, upload filters, rankings and terms of service. Additionally, we successfully acquired third-party funds for the two-year project Strategies and Corporate Governance for Europe's Digital Platform Economy in cooperation with the Oxford Internet Institute (funded by the Hans Böckler Foundation).

### Third Engagement Report – The Future of Civil Society: Young Engagement in the Digital Age

The Engagement report analyses changes of civic engagement in response to digital media. Over the course of one year, an interdisciplinary commission, assisted by a project office at HIIG, co-authored the empirical study. The chapters of the report offer new insights into the role of digital media for young people in their civic engagement and demonstrate the importance of digital infrastructures for volunteers, especially in areas where face-to-face engagement activities are underdeveloped. Second, the report sheds light on emerging digital practices, such as sharing and hashtagging, which impact civic engagement, particularly its means of communication. Third, the report focuses on the types of organisations in the engagement sector. It introduces a typology that shows how different types of civic engagement organisations deal with the opportunities and

challenges presented by digitisation. The report also pays attention to digital platforms and their role for the engagement sector. Rather than a specific platform logic taking over civic engagement, the commission observes a broad variety of platforms adjusting to specific needs in this sector. Finally, the report turns to general political aspects such as inequality in the engagement sector and the importance of political education as a precondition for engagement as a democratic practice. Throughout the project, the commission invited a number of experts to share their practical experience in the field. Several dialogue events sought to meaningfully involve young stakeholders and help formalise their claims and ideas in a position paper, which is available on [www.dritterengagementbericht.de](http://www.dritterengagementbericht.de). The report will be submitted to the BMFSFJ at the end of 2019 and will be published in the first half of 2020.

### KIWI – Artificial Intelligence & Knowledge Work – Implications, Opportunities and Risks

The KIWI research team investigates how artificial intelligence (AI) impacts knowledge workers' workplaces. By conducting empirical research and generating data on the topic, the KIWI project (May 2019 – April 2022) contributes to a better understanding of the effects of the intra-organisational implementation of AI. Systems that use large amounts of data to solve complex problems are generally identified as one essential driver behind the comprehensive transformation of the working world. However, this field of research is still in its early stages. We investigate the intentions and strategies surrounding AI use in the workplace, the changes that are perceived by users and how employees, companies and co-determination actors react to them. Currently, we are conducting a best-practice collection of AI use cases in knowledge workplaces in Germany. In 2020, we will primarily conduct expert interviews and produce in-depth case studies. The project thus forms part of the existing research on the digitisation of the working world and contributes to it by generating findings from qualitative social science research on the use of AI applications at knowledge workstations within organisations in Germany. We will develop recommendations through interdisciplinary collaboration with experts from politics, science and business for practitioners in the use of AI in the workplace. The results will be published in academic papers throughout the project's running time and will be transferred into the field in 2021 by means of pilot workshops for the industry. The KIWI project is funded by the German Federal Ministry of Labour and Social Affairs and part of its Artificial Intelligence in the Workplace focus group.

### Innovative Open Access in Small Sciences (InnOAccess)

Academia – especially in the field of internet research – thrives in a dynamic and diverse publication landscape in which researchers can both use and publish results and findings

free of major hurdles. The "InnOAccess" project (duration: mid-2019–end of 2020; together with ZBW – Leibniz Information Centre for Economics; DFG-funded) takes this premise as a starting point and aims to practically improve the situation of scholar-led journals in small research fields such as internet regulation, media informatics or journalism. Using the HIIG-initiated *Internet Policy Review* as an example, the project aims to improve editorial infrastructures, to design sustainable open access funding modules for small science contexts and to test new network and cooperation models.

Preliminary results were presented at a workshop at the Open Access days in Hannover, with a poster presentation at the Conference of Open Access Scholarly Publishing in Copenhagen and a lightning talk at the Public Knowledge Project conference in Barcelona. The final results will be published in two white papers on technical publishing solutions and sustainable financing models and discussed in workshops in Hamburg and Berlin with representatives of journals and libraries.


### AI & Society Lab


The AI & Society Lab is an inter- and transdisciplinary research laboratory at the interface between academia, industry and civil society. It provides room and resources for innovative, research and co-working partnerships and experimental formats for knowledge production and transfer. It brings together and mediates between different stakeholders in society that interact with AI. The Lab aims to become a thought leader for an open, inclusive, human rights-friendly and sustainable AI in Europe. The AI & Society Lab builds on existing projects at HIIG that focus on AI but will embed these in new thematic streams and an overall communication strategy. In a first strategic phase (August–December 2019), HIIG developed a strategy to position the Lab in the existing national and international landscape of AI Labs. Collaborations with other existing and emerging AI Labs have been negotiated. The Lab will be launched in early 2020 with a website, kick-off events and genuine AI & Society Lab projects.

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## EUROPEAN NODE OF AN INTERNATIONAL RESEARCH NETWORK

The HIIG is as a node of an international network of knowledge production, that promotes the international networking of institutes in order to raise the potential of cooperation for research, especially by establishing the European Hub within the Global Network of Internet and Society Research Centers (NoC) and enhancing its impact and an information and knowledge source for political actors, civil society and business.

### NETWORK AND INTERNATIONAL RELATIONS

The HIIG has established itself as the German platform of an international collaboration among researchers addressing topics revolving around internet and society. As a founding member of the NoC, it cooperates with a broad range of leading academic institutions and groups in order to create and share knowledge on an international level. Especially, the HIIG aims at enhancing the cooperation among the research centers in Europe and helping to establish a platform which can provide knowledge to European stakeholders.

#### Network of Centres, European Hub

The Global Network of Internet and Society Research Centers focuses on international and interdisciplinary research on the opportunities and challenges presented by the internet, digital technology and innovation. The European members of NoC launched a regional chapter called the European Hub in October 2017 to strengthen European internet research on an international level. HIIG currently has the lead of the European Hub.

In the second full year of its existence, the European Hub has continued to strengthen European research collaboration, especially exchange between young researchers. The representatives of the European Hub met up in May 2019 at TILTing 2019 in Tilburg. Under the headline "Creating an Internet & Society Research Centre: lessons from the past and the road ahead" the participants discussed the most important challenges they faced, models of governance, main activities and fostering interdisciplinarity, gender diversity and innovation in a changing world. Furthermore, participants discussed and put into practice future collaborations.

A second gathering of European Hub members took place in Amsterdam in October 2019 titled "Money Talks? The impact of corporate funding on academic research in information law and policy." The event was organized by the Institute for Information Law, University of Amsterdam as part of the European Hub of the Network of Centers. The members exchanged experiences and discussed best practices in order to create a catalogue of

guidelines for institutional funding in internet research. The European Hub served as a platform for vibrant discussions and will be continued in 2020.

Additionally, the European Hub also played a role at the NoC Annual Meeting in November, since the meeting took place before the Internet Governance Forum and was hosted by HIIG Berlin. Major topics on the agenda were “Ethics and Technology from a Global Perspective” as well as research updates from the different centers and the definition of a roadmap for 2020.

The website lists the activities and events of the European Hub. The desk swap programme is also being actively used, especially by young researchers, and we aim to expand the programme in 2020. Furthermore, the European Hub started planning the launch of the European Science Press Service (ESPS) in early 2020. The idea behind the Service is to create a European platform for scientists, journalists, policy makers and interested citizens to learn about and share their most recent relevant scientific results. The project aims to promote networking and knowledge sharing between the scientific community and the media.

### Promoting up-and-coming researchers and academic visitor programmes

During the institute's first years, we focused on promoting PhD candidates and programmes. In 2019, we can proudly look back on three published theses. Our researchers are now following career paths that are as diverse as their topics: from positions as judges, professors (e.g. at UdK, HTW, FU), founders, consultants to federal institutions (e.g. Federal Chancellery, Federal Ministry for Economic Affairs and Energy, Office of the Federal President) to heads of research programmes at the HIIG who are now promoting the next generation of PhD candidates, our researchers are making a strong impact in the public and private sectors. HIIG's researchers furthermore received awards and grants, including the award for outstanding young AI researchers.

HIIG's researchers benefit from vast opportunities for academic exploration. In 2019, they went on research stays all over the world, from a couple of days to full terms, presented their innovative research topics during our quarterly retreats to get feedback from the interdisciplinary professional crowd at the institute, focused on topics during writing retreats and on project management and leadership skills during inhouse workshops.

Studying abroad is not the only way to enhance international research collaborations; we also foster exchange by welcoming international researchers to the HIIG. In 2019, four international research fellows were selected by our research team and five visiting scholars joined the institute for a research stay. A number of (orientation) activities were running



throughout the year including workshops, field trips, meetings with HIIG's Board of Directors and professional exchange during different formats like public lunch talks.

## TRANSFER OF RESEARCH THROUGH EVENTS, PLATFORMS AND COMMUNICATION

Throughout the last few years, HIIG has established itself as an interdisciplinary and international research institute and a source of information and knowledge on issues related to digital transformation, internet and society. Following an open science approach, HIIG reaches out to political, civil society and economic actors through various events, platforms and diverse communication channels. Our research allows stakeholders and the public to participate in a constructive dialogue on relevant social, economic and political issues in the digital society.

### Events, workshops, conferences

Numerous workshops, lectures and meetups at the Institute in 2019 explored the social, economic and juridical repercussions of digitalisation from all perspectives. Multidisciplinary, public and innovative event formats, such as the newly established series digital macht stadt, the continuing Impact of Science meetups or our lunch talks fostered a dialogue between disciplines and audiences outside of academia. The three undertakings below exemplify HIIG's range of activities. Furthermore, we continued to host our popular monthly discussion panel Digitaler Salon.

#### **Lecture series: Making Sense of the Digital Society**

Our high-profile lecture series Making Sense of the Digital Society (organised in cooperation with the Federal Agency for Civic Education) continued in 2019. Hosting lectures by leading European academics in Berlin, live streamed and recorded for subsequent distribution, we position ourselves as a key forum for explaining long-term changes beyond the latest hype. In 2019 we hosted seven lectures throughout the year, four of them in cooperation with the Hebbel am Ufer Theater, at their venue HAU1. Through this cooperation we managed to attract an even more diverse audience beyond our common target group. Among others, Eva Illouz, Dirk Baeker and José van Dijck gave lectures in 2019. During the seven evening lectures, we welcomed more than 2,800 people from a broad audience of academics, professionals, politicians and students, which shows the great public interest in this topic. The highlight in 2019 was the lecture by Shoshana Zuboff, with more than 850 visitors in the fully booked Urania Berlin, which was also part of this year's Berlin Science Week. The lecture series will continue in 2020 with high-profile speakers and we will enhance our cooperation with the Hebbel am Ufer Theater.

### **Long Night of the Sciences 2019**

During the Long Night of the Sciences, we opened our doors to introduce HIIG's interdisciplinary research to a broad audience. With a diverse and interactive programme aimed at academics and professionals as well as families with children, we were able to enthuse more than 400 people for our research. This included short lectures about data protection, fake news and telemedicine as well as an interactive art installation about AI and the future of work.

### **Conference: The Futures of eHealth – Social, Legal and Ethical Challenges**

On 29 and 30 April, we hosted a two-day international conference on the future developments in eHealth that was part of the research project The Futures of Telemedicine. The conference provided a comprehensive overview of internationally relevant issues associated with the adoption of eHealth technologies and offered a multidisciplinary platform for discussing the solutions to the identified challenges. It featured contributions from diverse academic fields, such as media and communication studies, law, computer science, sociology and management and attracted more than 100 participants.

### **Internet Policy Review**

The focus of our open access journal on internet regulation this year was twofold: increase the number of high-quality articles published to reach cruising speed at 30 papers a year and sophisticate the journal editorial process, revenue model, and community management to a point where it can serve as an open access best practice journal.

We started implementing the Innovative Open Access in small sciences (InnOAccess) project in 2019, which is a major step towards establishing Internet Policy Review as a reference point in internet regulation and open access publishing. The goal of the project is to prepare Internet Policy Review as a use case for sustainable open access, and to help identify stable revenue models for scholar-led journals in small research fields such as internet regulation, media informatics and journalism. The project enabled the hiring of Open Access Officer, who among others prepared white papers and a series of workshops meant to support editors of open access journals. Preliminary project findings have already been presented at events such as OA Days Hanover, the OASPA conference Copenhagen and the PKP conference Barcelona.

This year, Internet Policy Review published a record of three special issues, a dozen independent papers and a bundled series of concept papers on the digital society. The latter attracted leading public intellectuals such as José van Dijck (platformisation), Christian Bruns (filter bubble) and Nick Couldry (datafication). A special issue on transnational materialities, as part of our partnership with the Association of Internet Researchers (AoIR),

was published mid-year. We furthered our partnership with the international communication conference IAMCR (CPT section), which this year translated into the publication of a special issue on communication rights, and an Internet Policy Review/CPT best paper award. The year ended with the publication of a special issue on data-driven elections, edited by Colin Bennett (University of Victoria) and David Lyon (Queen's University).

In its sixth year of operations, Internet Policy Review was indexed by yet another important index: the European Reference Index for the Humanities and the Social Sciences (ERIH PLUS). Taken together, we increased the diversity and quantity of our output while professionalising our internal and external process.

## Communication

In 2019, HIIG strengthened its communication efforts and reached a broader public than in previous years. HIIG received a large number of press requests relating to all disciplines. Increasingly, HIIG researchers are being asked to give interviews and statements, and to assess or evaluate recent developments in the field of internet and society. We regularly published press releases on HIIG topics such as publications, upcoming events or statements concerning internet and society research and distributed them on idw, the most popular German platform for science communication. Local and national newspapers, online media and radio broadcasts cover our events on digital society, our activities and research and our workshops and publications. Once again, HIIG's participation in the Long Night of Sciences, the ongoing lecture series Making Sense of the Digital Society – especially Shoshana Zuboff's talk, which was a highlight – as well as the monthly format Digitaler Salon were amplified by the institute's event communications. We accomplished outstanding public outreach via social media tools and media outreach. Increasingly, the institute presents itself in the public as the primary address for research on AI in diverse fields, research on medium-sized companies, algorithms and ethics as well as platform governance. In order to increase the institute's public outreach and to empower researchers to communicate their findings and knowledge, HIIG offered storytelling and presentation training in 2019. In addition, we conceptualised and developed a European platform for research institutes to share their press releases with journalists on a European scale.

HIIG uses various academic and non-academic information platforms and communication tools, including:

**The HIIG website and the Digital Society Blog:** While the website is used to provide information on the institute and to announce current events (average daily visits in 2019: 470, 2018: 390), our researchers regularly write about current topics as well as their academic work on the institute's Digital Society Blog (approx. 60 blog posts in 2019).

Curated dossiers help to draw the focus towards relevant blog posts, i.e. work in the future, surveillance, impact of science and algorithm governance. Throughout the year, continuous search engine optimisation efforts helped increase the visibility of research topics and the institute. Furthermore, the open access journal *Internet Policy Review* and the blog journal *elephantinthelab.org* are vital outreach platforms in the respective target communities.

**Social media activities:** These include regular updates on social networks alongside other forms of communication. Results (as of 21 November 2019):

- f Facebook: 4,890 likes (2018: 4,131); outreach per day: 910 (2018: 860)
- t Twitter: 10,100 tweets, 6,563 followers (2018: 5,338),  
6,000 impressions per day (2018: 6,000)
- v YouTube: 287 clips (2018: 212), 751 subscribers, 40,000 views (2018: 20.000)

**Newsletter HIIG Quarterly** (subscribers worldwide): 6,138 (2018: 5,399), increase esp. due to the lecture series; several subscriptions for HIIG events, CFP, positions

**Podcast:** In 2018, HIIG launched a new science transfer format, the HIIG podcast *Exploring Digital Spheres* curated by Florian Lüdtke and moderated by Wouter Bernhardt (*berlinology Podcast*), who introduces the listener to the institute's researchers and most pressing internet research topics. In 2019 the podcast was listened to approximately 7.500 times. Furthermore, a second podcast was launched this year: *Digitaler Salon*, which features the discussions of our event series over the last two years.

## APPENDIX: MONITORING OF THE INSTITUTE'S ACTIVITIES

To verify the institute's objectives are being met, common evaluation criteria were developed and approved by the HIIG Advisory Council. These criteria are understood as guidelines and used as a quantitative illustration of the institute's accomplishments:

|  |    |
|--|----|
| Problem-oriented basic research on internet and society . . . . .                                | 38 |
| A German node of an international network in the research area of the internet and society . . . | 44 |
| Securing and developing the institute's future. . . . .  | 52 |

Please note that the following tables can only reflect a selection of the institute's work.

## PROBLEM-ORIENTED BASIC RESEARCH ON INTERNET AND SOCIETY

## 1. Research project applications (evaluated research grants, DFG, BMBF or alike)

| SUBMITTED  | TITLE/SUBMITTED AT  | PARTNER  | APPLICANTS   |
|------------|---|--|--|
| 01.02.2019 | OPEN<br>Submitted at: H2020 (confirmed)   | TU Berlin  | Hendrik Send   |
| 15.02.2019 | AI Oracle<br>Submitted at: Wissenschaft im Dialog (confirmed)   | –  | Shirley Ogolla   |
| 27.02.2019 | SUAVE – Secure Data Use & Access Evolvement<br>Submitted at: Berlin Institute of Health (confirmed)   | –  | Björn Scheuermann  |
| 14.03.2019 | H2020 ReCreating Europe – Digital Copyright<br>Submitted at: EU H2020 (confirmed)   | St'Anna, Pisa (Catarina Sganga),<br>CREATE (Kretschmer), IVIR  | Christian Katzenbach   |
| 15.03.2019 | Humanoid Social Robots – A Cross-Cultural Comparison of Artificial Humans (Europe-Japan)<br>Submitted at: Japan Society for the Promotion of Science (JSPS) (confirmed)                           | Prof. Dr. Katsumi Watanabe, Waseda University, Tokyo   | Thomas Christian Bächle                                      |
| 26.04.2019 | Humanoid Social Robots – A Cross-Cultural Comparison of Artificial Humans (Europe-Japan)<br>Submitted at: DAAD (declined)   | Prof. Dr. Katsumi Watanabe, Waseda University, Tokyo   | Thomas Christian Bächle                                      |
| 26.06.2019 | Kompetenzzentrum 4.0 – KI Trainer<br>Submitted at: BMWi (confirmed)   | Hasso-Plattner-Institut  | Thomas Schildhauer,<br>Nicolas Friederici,<br>Philip Meier   |
| 27.06.2019 | Global Fault Lines Challenging Cybersecurity<br>Submitted at: OX/BER Research Partnership (declined)  | Prof. Sadie Creese (Oxford University), Prof. William Dutton (Oxford University), Prof. Dr. Björn Scheuermann (Institut für Informatik, HU Berlin)   | Matthias C. Kettermann,<br>Jörg Pohle                        |
| 12.07.2019 | IPR<br>Submitted at: University of Victoria (confirmed)   | –  | Frédéric Dubois  |
| 17.07.2019 | Portraitreihe: Junges Engagement im digitalen Zeitalter<br>Submitted at: BMFSFJ (confirmed)   | –  | Jeanette Hofmann,<br>Theresa Züger                           |
| 22.08.2019 | SDMax – Maximum Data Protection for SMEs and MES<br>Submitted at: H2020 (submitted)   | National Technical University of Athens; The Commissioner for Data Protection and Freedom of Information of Mecklenburg-Western Pomerania; SECITOR; BreDEX GmbH; Ricardo Morte Ferrer (SDM <sup>2</sup> ); Hellenic Data Protection Authority; European Programs Implementation Service of the Hellenic Parliament; European Public Law Organization; DataCo GmbH; PRAXI Network; eProdact B.V.; LEGISDATA, SL | Jörg Pohle   |
| 30.09.2019 | Long-term human rights risks of smart city technologies<br>Submitted at: Kone Foundation (confirmed)  | Prof. Max von Grafenstein, Einstein Center Digital Future (ECDF) Prof. Riikka Koulou, Legal Tech Lab, University of Helsinki   | Alina Wernick, Max von Grafenstein                           |
| 18.10.2019 | Selbstvermessung und digitale Selbstbestimmung<br>Submitted at: BMBF (submitted)  | Apheris AI GmbH (Apheris), Berlin Institute of Health / Charité – Universitätsmedizin Berlin (BIH)   | Björn Scheuermann,<br>Thomas Christian Bächle, Alina Wernick |
| 26.11.2019 | Hindernisse und Gelingensbedingungen für kooperative Ansätze kleiner und mittlerer Unternehmen in datenbasierten Märkten und Branchen<br>Submitted at: Bundesministerium der Finanzen (submitted) | Dr. Fabian Bräsemann (University of Oxford), Dr. Fabian Stephany (University of Oxford)  | Nicolas Friederici, Tina Krell                               |
| 09.12.2019 | Visualising Digital Epistemes (ViDE): Enabling Digital Visual Research<br>Submitted at: BMBF (submitted)  | Dr Florian Kräutli (Max Planck Institut für Wissenschaftsgeschichte)   | Rebecca Kahn   |

## 2. Offering a mentoring structure for up-and-coming researchers

Please see 'Promoting up-and-coming researchers and academic visitor programmes' on pp. 32.

## 3. Publications

### Publishing research results based on the evaluation criteria

A special focus lies in highly recognised discipline-based journal publications as well as transdisciplinary journal publications.

Furthermore we aim to publish a number of open-access journal publications, peer-reviewed journal publications, chapters in edited volumes, and books reflecting our research objectives and programmes.

Please see full publications list on pp. 22 – 30.

## 4. Academic lectures and panels

### Selected competitive/peer reviewed conference presentations

| EVENT ACTIVITY  | EVENT  | RESEARCHER   |
|---|--|--|
| Lecture/Talk: Infrastrukturen digitaler Öffentlichkeiten.   | Pre-Conference: (Neue) Theorien digitaler Öffentlichkeiten. Jahrestagung 2019 der Deutschen Gesellschaft für Publizistik- und Kommunikationswissenschaft. Westfälischen Wilhelms-Universität Münster, Münster, Germany: 09.05.2019 | Christian Katzenbach, Christoph Raetzsch   |
| Session lead/Workshop moderation: Swimming in (Linked) Data: Using the Semantic Web to make sense of Spatial Humanities                     | Conference: Annual Conference. Organised by DARIAH. University of Warsaw, Warsaw, Poland: 15.05.2019   | Rebecca Kahn   |
| Lecture/Talk: Turning Data Protection Upside Down and Placing It on Its Feet  | TILTING Perspectives 2019: 'Regulating a world in transition'. Organised by Tilburg Institute for Law, Technology, and Society (TILT). Tilburg University, Tilburg, The Netherlands: 15.05.2019                                    | Jörg Pohle, Julian Hölzel  |
| Lecture/Talk: Towards a Stronger Theoretical Grounding of Computational Communication Science: A Review of Tried and Tested Social Theories | 69th Annual Conference of the International Communication Association (ICA). Washington, DC, USA: 25.05.2019   | Christian Katzenbach, Annie Waldherr, Stephanie Geise, Merja Mahrt, Christian Nuernbergk |
| Lecture/Talk: Going against the flow: How incivility influences comment moderators  | Annual Conference of the International Communication Association (ICA), Mass Communication Division. Washington Hilton Hotel, Washington, D.C, United States: 28.05.2019   | Martin J. Riedl, Gina M. Chen, Kelsey N. Whipple   |
| Lecture/Talk: Deliberative Democracy in the Age of Social Media   | Symposium: Future Visions for a Democratic Internet. Organised by UCD Sutherland School of Law. University College Dublin, Dublin, Ireland: 27.06.2019   | Teresa Völker  |
| Lecture/Talk: Talking AI into Being: The Imaginaries of National AI Strategies and their Performative Politics                              | International Association for Media and Communication Research, IAMCR 2019. School of Communication, UCM, Madrid, Spain: 07.07.2019  | Christian Katzenbach, Jascha Bareis  |
| Lecture/Talk: Responding to online disagreement comments: It's not what you say, but how you say it   | Association for Education in Journalism and Mass Communication (AEJMC) Annual Conference, Newspaper and Online News Division. Toronto, Canada: 08.08.2019  | Gina M. Chen, Marc Ziegele, Martin J. Riedl, Pablo Jost, Teresa Naab                     |
| Lecture/Talk: Hashtag #NSFW #Tumblr: What the Tumblr ban means for platform migration   | Annual Meeting of the Society for Social Studies of Science (4S). New Orleans, United States: 04.09.2019   | Martin J. Riedl  |
| Lecture/Talk: Scoping new policy frameworks for local broadband networks  | TPRC47: Research Conference on Communications, Information and Internet Policy. American University, Washington, D.C, United States: 20.09.2019  | Sharon Strover, Martin J. Riedl, Selena Dickey   |
| Lecture/Talk: Open access in small sciences   | OASPA 2019 Annual Conference on Open Access Scholarly Publishing. Organised by Open Access Scholarly Publishers Association. The Royal Danish Library, Copenhagen, Denmark: 25.09.2019   | Marcel Wrzesinski  |

| EVENT ACTIVITY  | EVENT   | RESEARCHER  |
|---|---|---|
| Session lead/Workshop moderation: Was darf Qualität kosten? Geschäftsmodelle für neue, nicht-APC-finanzierte Open-Access-Journals | Conference: Open Access Tage 2019. Organised by Leibniz Universität Hannover, TIB – Leibniz-Informationszentrum Technik und Naturwissenschaften, Gottfried Wilhelm Leibniz Bibliothek (GWLB). Leibniz Universität Hannover, Hannover, Germany: 02.10.2019 | Marcel Wrzesinski                                     |
| Lecture/Talk: Weaponizing internet governance: Comparing the German Network Enforcement Act and FOSTA-SESTA in the United States  | Annual Meeting of the National Communication Association (NCA), Freedom of Expression Division. Baltimore, United States: 14.11.2019  | Martin J. Riedl,<br>Kirsten Gollatz,<br>Jens Pohlmann |
| Lecture/Talk: Open access in trans-/interdisciplinary contexts: Internet Policy Review  | PKP 2019: REFLECTIONS AND DIRECTIONS. Organised by Public Knowledge Project. Universitat Autònoma de Barcelona, Barcelona, Spain: 21.11.2019  | Marcel Wrzesinski                                     |

#### Selected invitations to academic lectures and panels

| EVENT ACTIVITY  | EVENT   | RESEARCHER          |
|---|---|---------------------|
| <b>International scope</b>  |   |                     |
| Panel: Certification for GDPR-compliant Anonymity: Real Anonymisation or just another Risk Assessment?                              | CPDP2019 Computer, Privacy and Data Protection Conference. Organised by AirCloak. Brussels, Belgium: 30.01.2019   | Max von Grafenstein |
| Lecture/Talk: Smart City Governance: Citizens, Privacy and Services   | CPDP 2019 Computer, Privacy and Data Protection Conference. Organised by Centre for Research into Information, Surveillance and Privacy. Brussels, Belgium: 30.01.2019                                | Max von Grafenstein |
| Panel: Panel Wirtschaftsinformatik im Spannungsfeld der Datenschutzgrundverordnung  | Conference: 14. Internationale Tagung Wirtschaftsinformatik. Organised by Universität Siegen. Siegen, Germany: 25.02.2019   | Max von Grafenstein |
| Panel: Media@Sydney: Digital Rights in an Age of Surveillance AI  | Conference: Media@Sydney: Digital Rights in an Age of Surveillance AI. Organised by The University of Sydney. Sydney, Australia: 07.03.2019   | Theresa Züger       |
| Lecture/Talk: Data Governance – Elaborating on a Research Concept   | Towards health futures: digital innovation, infrastructure, and entrepreneurship on bio data. Organised by Freie Universität Berlin. Einstein Center for Digital Futures, Berlin, Germany: 07.03.2019 | Alina Wernick       |
| Lecture/Talk: Mediated Democracy in Times of Digitalisation   | SPSA Annual Conference. Organised by Swiss Political Science Association. ETH Zürich, Zurich, Switzerland: 15.03.2019   | Jeanette Hofmann    |
| Lecture/Talk: The pocket library for open content: improving the discoverability of OA research                                     | Scholarly Communication Conference. University of Kent, Canterbury, United Kingdom: 03.05.2019  | Natalia Sokolovska  |
| Panel: Postcolonial Open Access and Language Criticism: Who is writing for Whom and Who wants to be read by Whom?                   | Conference: Digital Humanities Institute – Beirut. Center for Arts and Humanities, American University Beirut, Beirut, Lebanon: 04.05.2019  | Marcel Wrzesinski   |
| Session lead/Workshop moderation: Swimming in (Linked) Data: Using the Semantic Web to make sense of Spatial Humanities             | Conference: Annual Conference. Organised by DARIAH. University of Warsaw, Warsaw, Poland: 15.05.2019  | Rebecca Kahn        |
| Panel: The normative basis of data justice  | Conference: ICA Pre-Conference. Organised by International Communication Association. American University College of Law, Washington, USA: 24.05.2019   | Wolfgang Schulz     |
| Lecture/Talk: In the heartland of climate skepticism: A hyperlink network analysis of German climate skeptics and the US right-wing | The 69th Annual International Communication Association Conference. Washington D.C, U.S.A: 24.05.2019   | Jonas Kaiser        |
| Lecture/Talk: The road to hell is paved with good algorithms: Filter bubbles on YouTube in the United States and in Germany         | The 69th Annual International Communication Association Conference. Washington D.C, U.S.A: 27.05.2019   | Jonas Kaiser        |



| EVENT ACTIVITY  | EVENT  | RESEARCHER                           |
|---|--|--------------------------------------|
| Lecture/Talk: Data-Driven Economy Challenges and Opportunities  | Data Governance and Smart Cities. Hamburgische Landesvertretung, Berlin, Germany: 17.06.2019   | Max von Grafenstein                  |
| Lecture/Talk: An exploration for value capture mechanisms in platform-orchestrated networks                                     | International Conference on Design and Technology. Haifa, Israel: 18.06.2019   | Philip Meier                         |
| Panel: AI & IP: New Issues – New Rules?   | Conference: Artificial Intelligence, Innovation and Competition: New Tools, New Rules. Organised by Max Planck Institute for Innovation and Competition. Munich, Germany: 05.07.2019   | Alina Wernick                        |
| Lecture/Talk: Deciding about, by, and together with Algorithmic Decision Making Systems: A Governance Perspective               | Technological Law Symposium: Rising to Legal Challenges in the Age of Artificial Intelligence. Organised by Hong Kong University. Hong Kong, China: 15.07.2019   | Wolfgang Schulz                      |
| Lecture/Talk: Imagining Global In/Securities – Lethal Autonomous Weapons Systems as Factual and Virtual Technology              | Conference: DATA POWER: global in/securities. Organised by ZeMKI. Universität Bremen, Bremen, Germany: 13.09.2019  | Thomas Christian Bächle              |
| Keynote: Mediated Democracy – A research perspective  | Mediated Democracy – A research perspective. Organised by Päpstliche Katholische Universität von Rio de Janeiro. Rio de Janeiro, Brasil: 27.09.2019  | Jeanette Hofmann                     |
| Lecture/Talk: Charakteristika algorithmischen Entscheidungen  | Vitznauer Gespräche: Medien- und Öffentlichkeitswandel als theoretische und empirische Herausforderung. Vitznau, Switzerland: 04.10.2019   | Wolfgang Schulz                      |
| Lecture/Talk: Narrative constructions and Imaginaries of national AI Strategies – A comparative analysis                        | International Conference on AI and Foreign Studies. Guangdong University of Foreign Studies, Guangzhou, China: 03.11.2019  | Jascha Bareis                        |
| Lecture/Talk: Everything You Always Wanted to Know About AI – Nowcasting Digital Skills with Wikipedia                          | Complex Networks Conference. Calouste Gulbenkian Foundation, Lissabon, Portugal: 08.11.2019  | Fabian Stephany                      |
| Lecture/Talk: Mythen und Metaphern der Automatisierung – eine Herausforderung für zwischenstaatliche Regulierung                | Jahrestagung des DVPW-Arbeitskreises „Soziologie der internationalen Beziehungen“, in Kooperation mit der GGS-Sektion „Normen und Wandel in der Weltpolitik“. Justus-Liebig-Universität, Gießen, Germany: 15.11.2019         | Jascha Bareis                        |
| <b>National scope</b>   |  |                                      |
| Lecture/Talk: Die Vermessung der Emotionen?   | Vortrag im Rahmen des „Salon Sophie Charlotte“ der Berlin-Brandenburgischen Akademie der Wissenschaften zum Thema „Measure and Measuring“. Berlin, Germany: 19.01.2019   | Thomas Christian Bächle, Oliver Korn |
| Lecture/Talk: Reddit's up's and down's. Understanding the logic behind successful participative science communication on Reddit | Jahrestagung der DGPUK-Fachgruppe Wissenschaftskommunikation. TU Braunschweig, Braunschweig, Germany: 07.02.2019   | Jonas Kaiser                         |
| Lecture/Talk: Die mediatisierte Demokratie in Zeiten der Digitalisierung  | Jahrestagung des Arbeitskreises „Politik und Kommunikation“ der Deutschen Vereinigung für Politikwissenschaft (DVPW). Duisburg, Germany: 07.02.2019  | Jeanette Hofmann                     |
| Keynote: Mediatisierte Demokratie: Eine Forschungsperspektive   | Semestereröffnung. Organised by Centre Marc Bloch. Berlin, Germany: 08.04.2019   | Jeanette Hofmann                     |
| Lecture/Talk: Wissenskulturen im Wandel: Was das Internet mit uns macht   | Wissen und Recht. Organised by Wissenschaftszentrum Berlin für Sozialforschung. Berlin, Germany: 05.09.2019  | Jeanette Hofmann                     |
| Lecture/Talk: Collective swarms competing with singular battle machines: National strategic discourses around military AI       | KI 2019. Organised by Gesellschaft für Informatik. Universität Kassel, Kassel, Germany: 23.09.2019   | Jascha Bareis                        |
| Lecture/Talk: Kommunikative Konstruktion von Regelungsstrukturen – Private Regelsetzungen in der Media Governance               | Vitznauer Gespräche: Medien- und Öffentlichkeitswandel als theoretische und empirische Herausforderung. Institut für Kommunikationswissenschaft und Medienforschung der Universität Zürich, Vitznau, Switzerland: 04.10.2019 | Wolfgang Schulz                      |
| Lecture/Talk: Impulse für einen Open Data Impact Award  | INNOSCI IDEA SPRINT – MAKE OPEN DATA COUNT! Organised by Stifterverband. Berlin, Germany: 05.11.2019   | Benedikt Fecher                      |

## Selected organisation of academic lectures and panels

| EVENT   | LOCATION/DATE   | RESEARCHER  |
|---|---|---|
| International scope   |   |   |
| Lecture/Talk: The Normative Order of the Internet: Norms, Actors and Normative Figurations  | Humboldt Institute for Internet and Society, Berlin, Germany<br>07.03.2019            | Matthias C. Kettermann  |
| Lecture/Talk: Is one hour enough to protect human rights online?  | Humboldt Institute for Internet and Society, Berlin, Germany<br>09.04.2019            | Matthias C. Kettermann  |
| Workshop: Who holds a stake in Smart City Data?   | Humboldt Institute for Internet and Society, Berlin, Germany<br>15.04.2019–15.04.2019 | Alina Wernick, Christopher Olk, Max von Grafenstein                     |
| Conference: The Futures of e-Health – Social, legal and ethical challenges  | Humboldt Graduate School, Berlin, Germany<br>29.04.2019–30.04.2019                    | Niklas Trinkhaus, Irma Klünker, Alina Wernick, Thomas Christian Bächle  |
| Workshop: Data Governance: Between Concepts and Case Studies  | Humboldt Institute for Internet and Society, Berlin, Germany<br>02.07.2019            | Natalie Kreindlina, Alina Wernick, Christopher Olk, Max von Grafenstein |
| Lecture/Talk: Datenschutzrecht und Privacy Law – Die EU-Datenschutzgrundverordnung und der California Consumer Privacy Act im Vergleich | Humboldt Institute for Internet and Society, Berlin, Germany<br>02.07.2019            | Jörg Pohle  |
| Panel: A Grand Tour on Privacy, Surveillance, Data Protection, and Cybersecurity – Across the Atlantic and Back                         | Humboldt Institute for Internet and Society, Berlin, Germany<br>05.07.2019            | Jörg Pohle  |
| Discussion/Meeting: Meeting with Silvio Micali  | Humboldt Institut für Internet und Gesellschaft, Berlin, Germany<br>21.08.2019        | Björn Scheuermann   |
| Workshop: The 1st Workshop on Security, Privacy, Organizations, and Systems Engineering (SPOSE)   | Luxembourg, Luxembourg<br>26.09.2019–27.09.2019                                       | Jörg Pohle  |
| Summer School: Impact School 2019   | Humboldt Institute for Internet and Society, Berlin, Germany<br>30.09.2019            | Natalia Sokolovska, Marcel Hebing, Benedikt Fecher                      |
| Discussion/Meeting: Translating Science: What's good and what's not?  | Humboldt Institute for Internet and Society, Berlin, Germany<br>01.10.2019            | Teresa Völker, Benedikt Fecher  |
| Workshop session/Conference session: Money talks? – The impact of corporate funding on information law and policy research              | University of Amsterdam, Amsterdam, Netherlands<br>23.10.2019                         | Helene von Schwichow  |
| Conference: Blockchain for Science – Con 2019   | Bethaus Neukölln, Berlin, Germany<br>04.11.2019–05.11.2019                            | Sönke Bartling  |
| Workshop: CCS 2019 Workshop: PRIVACY PRESERVING MACHINE LEARNING  | London, United Kingdom<br>15.11.2019  | Phillipp Schoppmann   |
| Discussion/Meeting: Annual Meeting Network of Centers   | Humboldt Institute for Internet and Society, Berlin, Germany<br>23.11.2019            | Katharina Mosene, Helene von Schwichow                                  |
| Lecture/Talk: Smart City Digital Governance   | Humboldt Institute for Internet and Society, Berlin, Germany<br>04.12.2019            | Natasha Vukajlovic, Matthias C. Kettermann, Christian Grauvogel         |

| EVENT  | LOCATION/DATE   | RESEARCHER   |
|--|---|--|
| <b>National scope</b>  |   |  |
| Conference: Fundationes II: Informatisierte Arbeit, informatisierte Organisation, informatisierte Gesellschaft? Was können wir aus der Geschichte der Informatik lernen? | Humboldt Institute for Internet and Society, Berlin, Germany<br>07.02.2019–08.02.2019       | Jörg Pohle   |
| Seminar/Teaching series: Analysing the digital society / Gesellschaftsanalyse  | Leuphana Universität Lüneburg, Lüneburg, Germany<br>01.04.2019–12.07.2019                   | Theresa Züger                                      |
| Workshop: Expert workshop for „EXPLOIDS“: Host Intrusion Detection and the State of the Art of Data Protection and Security by Design                                    | Humboldt Institute for Internet and Society, Berlin, Germany<br>01.04.2019                  | Björn Scheuermann, Max von Grafenstein, Jörg Pohle |
| Lecture/Talk: Is one hour enough to protect human rights online?   | Humboldt Institute for Internet and Society, Berlin, Germany<br>09.04.2019                  | Matthias C. Kettemann                              |
| Workshop: IX. Interdisciplinary Workshop "Privacy, Data Protection & Surveillance"   | Institut für Friedenssicherungs- und Humanitäres Völkerrecht, Bochum, Germany<br>09.04.2019 | Jörg Pohle   |
| Workshop: Anforderungen an gute menschliche und algorithmische Entscheidungssysteme & Protecting the Global Digital Information Ecosystem                                | Humboldt Institute for Internet and Society, Berlin, Germany<br>12.04.2019                  | Matthias C. Kettemann                              |
| Workshop: Inequality in the Global Digital Economy   | Humboldt Institute for Internet and Society, Berlin, Germany<br>25.04.2019                  | Nicolas Friederici                                 |
| Workshop: Sicherheits- und Strafrecht im Angesicht der Digitalisierung   | Humboldt Institute for Internet and Society, Berlin, Germany<br>27.06.2019                  | Amadeus Peters                                     |
| Conference: Autonome Waffensysteme – Realitäten und Imaginationen zukünftiger Kriegführung   | Humboldt Institute for Internet and Society, Berlin, Germany<br>04.07.2019                  | Thomas Christian Bächle                            |
| Workshop: X. Interdisciplinary Workshop "Privacy, Data Protection & Surveillance"  | Humboldt Institute for Internet and Society, Berlin, Germany<br>05.07.2019                  | Jörg Pohle   |
| Discussion/Meeting: Hamburger Gesprächskreis "Automatisiertes Entscheiden"   | Leibniz Institut für Medienforschung   Hans-Bredow-Institut, Hamburg, Germany<br>04.11.2019 | Matthias C. Kettemann, Wolfgang Schulz             |
| Conference: Digitalisierung als Herausforderung für die soziologische Theorie  | Humboldt Institute for Internet and Society, Berlin, Germany<br>06.12.2019–07.12.2019       | Jörg Pohle   |
| Workshop: XI. Interdisciplinary Workshop "Privacy, Data Protection & Surveillance"   | Humboldt Institute for Internet and Society, Berlin, Germany<br>10.12.2019                  | Jörg Pohle   |

## A GERMAN NODE OF AN INTERNATIONAL NETWORK IN THE RESEARCH AREA OF THE INTERNET AND SOCIETY

### 1. Node for knowledge production

#### Sustainable network building activity in Europe

Please see 'Network and international relations' on pp. 31 – 33.

#### Involvement in NoC events

| EVENT  | LOCATION/DATE  | RESEARCHER                       |
|--|--|----------------------------------|
| Discussion/Meeting: European Hub of the NoC – Update 2019                              | Conference: EU Hub NoC Meeting: Tilting Perspectives 2019. Organised by Tilburg University, Tilburg, Netherlands: 16.06.2019 | Jörg Pohle, Helene von Schwichow |
| Conference: Artificial Intelligence: ethical and legal implications (NoC European Hub) | The Center for Cyber Law & Policy, University of Haifa (CCLP), Haifa, Israel: 28.11.2019 – 30.11.2019                        | Wolfgang Schulz                  |

#### Serving as a host-institution for post-docs

| RESEARCHER/DATE/PROJECT PARTNER                                  | SHORT CV/HOME INSTITUTION   |
|--|---|
| Clara Iglesias Keller<br>01.06.2018 – 31.05.2019<br>Amélie Heldt | Clara Iglesias Keller is a Public Law Doctoral Candidate at Rio de Janeiro State University. She holds a Master of Public Law diploma from the same University and an LLM in IT, Media and Communications Law from the London School of Economics and Political Science. At the HIIG, she is focuses on the regulation of online service providers, specifically regarding the combination of internet governance principles with regulatory strategies and rationales – this is the subject of her Doctoral thesis.<br>Rio de Janeiro State University, Brazil   |
| Riikka Koulu<br>21.01.2019 – 31.05.2019<br>Jörg Pohle            | Dr. Riikka Koulu is an assistant professor on Law and Digitalisation at the University of Helsinki, Finland, where she also received her doctorate in 2016. She is the director of the University of Helsinki Legal Tech Lab, an interdisciplinary research hub on law, technology and society, as well as a member of the Helsinki centre for digital humanities centre (HELDIG). She has a background in procedural law and legal theory and her research interests include algorithmic fairness and limits of transparency, fairness-aware AI in legal practices, and the governance and conflict management related to digital technologies. Her new book <i>Law, Technology, Dispute Resolution: Privatisation of Coercion</i> (Routledge 2019) focuses on the interrelationship between law and technological change<br>University of Helsinki, Finland |
| Miriam Feldman<br>07.07.2019 – 27.09.2019<br>Shirley Ogolla      | Miriam Feldman studies Philosophy, Politics and Economics at the University of Oxford in the Class of 2021. She was an intern at the Berkman Klein Center for Internet & Society at Harvard University from 2017 to 2018, and an associate at The Blue Lab at Liberty Square Group. At HIIG, she is working on the project "Artificial Intelligence & Knowledge Work – Implications, Opportunities and Risks." Her focus in the project is a literature review that explores current academic approaches to understanding the use of artificial intelligence in knowledge work through research questions including "What methodologies are the relevant studies applying?"<br>University of Oxford, United Kingdom   |
| Dafna Bearson<br>19.08.2019 – 31.12.2019<br>Shirley Ogolla       | Dafna Bearson is a UC Berkeley alum (2018) with a BA in Economics and an emphasis in Mandarin and Data Science. She was a Regents' and Chancellor's Scholar, recipient of the Stamps Leadership Award and a 2016 US Department of State Critical Language Scholar. She is a research fellow at the German Federal Ministry of Labour and Social Affairs and a Visiting Researcher in the project "Artificial Intelligence & Knowledge Work – Implications, Opportunities And Risks" at HIIG<br>University of California, Berkeley, United States of America   |

**Organising an annual fellowship programme for associated post-graduates**

| FELLOW/DATE/PROJECT PARTNER                                       | SHORT CV/HOME INSTITUTION   |
|---|---|
| Arnadeus Peters<br>01.01.2019–30.06.2019<br>Jörg Pohle            | Arnadeus Peters is a lawyer and scholar at the crossroads of criminal law, data protection and technology. He explores the social and legal challenges arising from the use of new law enforcement technologies. A particular focus lies on the use of artificial intelligence and the data processing methods derived from this branch of research – in particular machine learning – and the related fundamental rights and criminal procedural issues. He then began his doctoral thesis on the above-mentioned research topic with Prof. Dr. Rotsch (Justus-Liebig-Universität Gießen). In the fall of 2018, he was a visiting researcher at Yale Law School's Information Society Project (USA), where he researched algorithmic discrimination, and a visiting member of the Privacy Research Group at New York University School of Law<br>Justus-Liebig-Universität Gießen, Germany |
| Franziska Oehmer<br>01.04.2019–31.07.2019<br>Christian Katzenbach | Franziska Oehmer is a senior research assistant and lecturer at the Department of Communication Science and Media Research DCM at the University of Fribourg (CH). She obtained her doctorate at the University of Zurich. She deals with the medialisation and digitalisation of law. Franziska is about to complete her Bachelor of Law degree at the Fernuniversität Schweiz (subject of her thesis: Freedom of Opinion for Social Bots)<br>University of Fribourg, Switzerland  |
| Bruna Toso de Alcântara<br>01.08.2019–31.07.2020<br>Jörg Pohle    | Bruna Toso de Alcântara is a PhD student in the Postgraduate Program in International Strategic Studies (PPGEEI) at the Federal University of Rio Grande do Sul, with a Master's Degree in International Strategic Studies from the same university and a degree in International Relations from the Federal University of Santa Maria (UFSM). She was a member of the Research Group on International Relations of Santa Maria (PRISMA / UFSM / CNPq) between 2013 and 2015 and from the South American Institute of Policy and Strategy (ISAPE) between 2016–2018. Currently, she is a member of the Brazilian Association of Defense Studies (ABED), the Brazilian Association of International Relations (ABRI) and the International Studies Association (ISA)<br>Federal University of Rio Grande do Sul  |

**2. Node for knowledge transfer and dissemination****Selected coverage of the HIIG's work and its researchers in high impact media and online sources**

| TITLE  | MEDIUM/DATE                                   | SUBJECT  |
|--|---|--|
| Article: Algorithmische Schlachten                                 | Internationale Politik (Online)<br>01.01.2019 | Ayad Al-Ani, Humboldt Institute for Internet and Society                         |
| Quote: Werden die Plattformen endlich erwachsen?                   | Deutschlandfunk Kultur (Online)<br>16.02.2019 | Jonas Kaiser   |
| Reference: Individualität: Ich bin besonders                       | Deutschlandfunk Nova (Radio)<br>17.02.2019    | Humboldt Institute for Internet and Society                                      |
| Quote: Von wegen Silicon Berlin!                                   | Frankfurter Allgemeine (Online)<br>22.02.2019 | Thomas Schildhauer, Humboldt Institute for Internet and Society                  |
| Quote: "Internet ist aus dem Alltag nicht wegzudenken"             | NDR (Online)<br>13.03.2019                    | Wolfgang Schulz, Humboldt Institute for Internet and Society                     |
| Quote: In aller Ruhe zum guten Text                                | Spiegel Online (Online)<br>17.03.2019         | Jeanette Hofmann, Humboldt Institute for Internet and Society                    |
| Quote: Neues Urheberrecht: Gut gedacht, schlecht gemacht?          | Nürnberger Nachrichten (Print)<br>18.03.2019  | Christian Katzenbach   |
| Quote: Wie der Mittelstand die Digitalisierung erfolgreich anpackt | innovations-report (Online)<br>28.03.2019     | Martin Wrobel, Alexander T. Nicolai, Humboldt Institute for Internet and Society |
| Quote: Ziviler Ungehorsam gehört zur Demokratie                    | Deutschlandfunk Nova (Online)<br>18.04.2019   | Humboldt Institute for Internet and Society, Theresa Züger                       |

| TITLE  | MEDIUM/DATE                                     | SUBJECT   |
|--|---|---|
| Quote: Deep-Fakes: Fälschungen mittels Künstlicher Intelligenz   | Deutschlandfunk (Online)<br>30.04.2019          | Jonas Kaiser  |
| Quote: Europe Is Reining In Tech Giants. But Some Say It's Going Too Far   | The New York Times (Online)<br>06.05.2019       | Wolfgang Schulz, Humboldt Institute for Internet and Society                                  |
| Quote: Wer die Macht hat, hat die Möglichkeiten  | Süddeutsche Zeitung (Online)<br>07.05.2019      | Matthias Kettemann  |
| Article: Algorithmen am Arbeitsplatz: Job-Killer KI? Wie uns Untergangs-Szenarien von den wirklich wichtigen Fragen ablenken | FOCUS Online (Online)<br>15.05.2019             | Sascha Friesike, Hendrik Send, Humboldt Institute for Internet and Society                    |
| Quote: On YouTube's Digital Playground, an Open Gate for Pedophiles  | The New York Times (Online)<br>04.06.2019       | Jonas Kaiser  |
| Quote: Alle Daten an alle Staaten  | Spiegel Online (Online)<br>11.06.2019           | Amadeus Peters, Humboldt Institute for Internet and Society                                   |
| Quote: Die Lange Nacht der Wissenschaften  | radio eins (Radio)<br>14.06.2019                | Shirley Ogolla, Humboldt Institute for Internet and Society                                   |
| Reference: Bundeswehrforscher zu Killer-Robotern: Das Töten darf nicht outgesourct werden                                    | heise (Online)<br>05.07.2019                    | Humboldt Institute for Internet and Society   |
| Quote: Missing Link: Kontrollverlust der liberalen Demokratie – Panik ist angebracht   | heise (Online)<br>07.07.2019                    | Jeanette Hofmann, Humboldt Institute for Internet and Society                                 |
| Quote: Wohin führt Künstliche Intelligenz die Kunst?   | Süddeutsche Zeitung (Online)<br>17.07.2019      | Thomas C. Bächle, Humboldt Institute for Internet and Society                                 |
| Quote: Experte: Künstliche Intelligenz stellt Kunst vor Fragen   | Berliner Morgenpost (Online)<br>17.07.2019      | Thomas C. Bächle, Humboldt Institute for Internet and Society                                 |
| Article: Bedeutung ist keine Klickzahl   | Frankfurter Allgemeine (Online)<br>18.07.2019   | Gert G. Wagner, Benedikt Fecher, Sascha Friesike, Humboldt Institute for Internet and Society |
| Reference: Digitale Strafverfolgung: Kripo-Leiter rügt Datensammelwut bei großen Providern                                   | heise (Online)<br>01.08.2019                    | Humboldt Institute for Internet and Society, Digitaler Salon                                  |
| Interview: Digitalexperte: "Eins-zu-eins-Kommunikation wird immer relevant bleiben"  | Inforadio (Radio)<br>03.08.2019                 | Hendrik Send  |
| Interview: The Weekly Episode 9: "The Rabbit Hole"   | The New York Times (TV)<br>09.08.2019           | Jonas Kaiser  |
| Reference: Autonome Waffen: Das Töten wird outgesourct   | Deutschlandfunk Nova (Online)<br>17.08.2019     | Humboldt Institute for Internet and Society   |
| Article: Von gescheiterten Konzepten und neuen Ideen   | Frankfurter Allgemeine (Online)<br>23.08.2019   | Wolfgang Schulz, Humboldt Institute for Internet and Society                                  |
| Article: Die echten Probleme falscher Nachrichten  | Tagesspiegel (Online)<br>10.09.2019             | Matthias Kettemann, Humboldt Institute for Internet and Society                               |
| Quote: 5G, Regulierung, Wettbewerb – Internet Governance Forum Deutschland – Wirtschaft am Mittag                            | Deutschlandfunk (Radio)<br>11.09.2019           | Nicolas Friederici  |
| Interview: Das Recht auf Widerstand  | Südwind (Print)<br>20.09.2019                   | Theresa Züger   |
| Article: Wie verdienen digitale Plattformen ihr Geld?  | digital publishing report (Print)<br>20.09.2019 | Philip Meier  |
| Interview: Sind die digitalen Generationen in der Arbeitswelt tatsächlich überlegen?   | bento (Online)<br>21.09.2019                    | Sascha Friesike   |

| TITLE   | MEDIUM/DATE                              | SUBJECT  |
|---|--|--|
| Quote: KI 2019: "Züge die aufeinander zurasen"<br>– Warnungen vor KI fürs Militär   | heise (Online)<br>25.09.2019             | Jascha Bareis, Thea Riebe,<br>Humboldt Institute for<br>Internet and Society |
| Quote: Noch mehr Filterblasen bei YouTube?  | Technology Review (Online)<br>02.10.2019 | Jonas Kaiser   |
| Quote: YouTube's algorithm may not be radicalizing<br>people, it's just made it easier for people with far-right<br>views to find a community, a new study suggests | Business Insider (Online)<br>24.10.2019  | Jonas Kaiser   |
| Quote: Datenethik-Kommission: IT-Wirtschaft warnt<br>vor Generalverdacht gegen Algorithmen  | Heise (Online)<br>25.10.2019             | Matthias C. Kettemann  |
| Quote: How a change to YouTube's AI could<br>make the site even more addictive  | Telegraph UK (Online)<br>30.10.2019      | Jonas Kaiser   |
| Interview: Die Antwort: Künstliche Intelligenz. "Die<br>Alternative ist: Irgendwann ist dein Arbeitsplatz fort"   | Zeit Online (Online)<br>12.11.2019       | Shirley Ogolla   |
| Article: Das Internet vergisst nicht – doch   | Deutschlandfunk (Online)<br>02.12.2019   | Matthias C. Kettemann  |

**Developing formats for knowledge transfer e.g. regular events, event cooperations, publications, platforms or information services as part of the exchange with our target groups and to further transdisciplinary networking**

Please see 'Transfer of research through events, platforms and communication' on pp. 33 – 35.

**Selected invitations to non-academic lectures, panel discussions, public hearings**

| EVENT ACTIVITY   | EVENT  | RESEARCHER              |
|--|--|-------------------------|
| <b>International scope</b>   |  |                         |
| Participating expert   | Workshop: Content & Jurisdiction Meeting Content & Jurisdiction Contact Group. Internet & Jurisdiction Policy Network, Paris, France: 23.01.2019 | Wolfgang Schulz         |
| Participating expert   | Workshop: UNCTAD Review Meeting "Digital Economy Report 2019" (Feb 2019). UNCTAD, Geneva, Switzerland: 12.02.2019                                | Nicolas Friederici      |
| Keynote: Fighting Disinformation Online:<br>Legal Approaches in Europe | Disinformation and Discourse: Rebuilding Trust in Institutions, Platforms and Civic Spaces. ICT Watch, Jakarta, Indonesien: 20.02.2019           | Wolfgang Schulz         |
| Participating expert   | Conference: Tackling Misinformation – Lessons from Germany and Path Forward for Taiwan. Taipei, Taiwan: 21.02.2019                               | Wolfgang Schulz         |
| Lecture/Talk: Refracted Humans –<br>The Rise of Artificial Man?        | Videonale.17 Festival for Video and Time-Based Arts. Kunstmuseum Bonn, Bonn, Germany: 23.02.2019   | Thomas Christian Bächle |
| Lecture/Talk: The Relevance of Culture in the Age of AI                | Symposium: The Relevance of Culture in the Age of AI. Organised by Goethe-Institut Sydney. Sydney, Australia: 08.03.2019                         | Theresa Züger           |
| Lecture/Talk: Mediensystem und<br>Journalismus in Deutschland          | Internationales Parlaments-Stipendium (IPS). Deutscher Bundestag, Berlin, Germany: 11.03.2019  | Christian Katzenbach    |
| Participating expert   | Hearing: Lunch Talk mit Marc Zuckerberg zum Content Management bei Sozialen Medien. Deutscher Bundestag, Berlin, Germany: 01.04.2019             | Wolfgang Schulz         |

| EVENT ACTIVITY   | EVENT  | RESEARCHER                   |
|--|--|------------------------------|
| Participating expert   | Hearing: Autonomous Weapons, AI and the Future of Arms Control Power Relations in the Digital Age. Organised by European Council of Foreign Relations. Berlin, Germany: 03.04.2019                                   | Björn Scheuermann            |
| Panel: Dreams of Electric Sheep: #WTF 3000   | Conference: Musikalisch-theatrale Talkshow. Organised by Radialsystem Berlin. Berlin, Germany: 05.04.2019  | Theresa Züger                |
| Panel: Digital Economy in the Western Balkans: Trends and Implications in Online Labour      | Conference: Western Balkans Digital Summit. Organised by UNDP. Belgrade, Serbia: 05.04.2019  | Fabian Stephany              |
| Lecture/Talk: Expect the Unexpected: Implementing AI at the Workplace                        | re:publica19 tl;dr. Berlin, Germany: 06.05.2019  | Shirley Ogolla, Hendrik Send |
| Lecture/Talk: Das RUN DMC-Merke zwischen Aneignung und Abkürzung                             | re:publica19 tl;dr. Berlin, Germany: 07.05.2019  | Lorenz Grünewald-Schukalla   |
| Lecture/Talk: Governance von Plattformen und Streamingdiensten                               | Streamingdienste und Plattformen: Herausforderungen für Medien & Öffentlichkeit. Eidgenössische Medienkommission EMEK, Bern, Schweiz: 08.05.2019   | Wolfgang Schulz              |
| Panel: Renewing the Public Sector – The Role and Potential of AI                             | Conference: 5th Digital Future Science Match. Organised by Tagesspiegel, Hasso-Plattner-Institut, Zuse Institute Berlin. Berlin, Germany: 14.05.2019   | Christian Djeflal            |
| Lecture/Talk: The Social Construction of AI: Ethics, Politics, Discourse                     | Digital Future Science Match. Verlag Der Tagesspiegel, Berlin, Germany: 14.05.2019   | Christian Katzenbach         |
| Lecture/Talk: Digital Entrepreneurship in Africa: Escaping from Silicon Valley's Long Shadow | World Bank Finance, Competitiveness & Innovation Global Practice. World Bank, Washington, D.C, USA: 21.05.2019   | Nicolas Friederici           |
| Participating expert   | Workshop: Treffen der Gruppe "Content & Jurisdiction". Internet & Jurisdiction Policy Network, Paris, France: 22.05.2019   | Wolfgang Schulz              |
| Lecture/Talk: Mediated democracy: A Research Perspective                                     | Digitalisation and Democracy: How to Strengthen Democracy in Brazil and Europe for the Digital Age? Organised by the Federal Republic of Germany. Porto Alegre, Brasil: 22.05.2019                                   | Jeanette Hofmann             |
| Participating expert   | Workshop: "Information Security of Machine Learning". Organised by Stiftung Neue Verantwortung. Berlin, Germany: 27.05.2019  | Jörg Pohle                   |
| Participating expert   | 3rd Global Conference des Internet and Jurisdiction Policy Networks. Organised by Internet & Jurisdiction Policy Network. Berlin, Germany: 03.06.2019  | Wolfgang Schulz              |
| Participating expert   | Workshop: Connecting the field and academia: exploring options for collaboration. Organised by Digital Freedom Fund. Amsterdam Law Hub, Amsterdam, Netherlands: 25.06.2019   | Wolfgang Schulz              |
| Keynote: Make Some ROOM for the Zeros – Data Sparsity in Secure Distributed Machine Learning | Oblivious Data Structures and Algorithms Workshop. Organised by ODSA: Oblivious Data Structures and Algorithms. Bertinoro, Italy: 17.07.2019   | Phillipp Schoppmann          |
| Participating expert   | Hearing: 4. Treffen des MSI-AUT Committee of experts on Human Rights zum Thema Dimensions of automated data processing and different forms of artificial intelligence. Europarat, Strassbourg, France: 23.09.2019    | Wolfgang Schulz              |
| Lecture/Talk: How Digital Platforms Change Innovation, Knowledge and Work                    | DAAD Alumni Annual Meeting 2019. Universität Potsdam, Potsdam, Germany: 28.09.2019   | Fabian Stephany              |
| Participating expert   | Hearing: Media and public Law and its theoretical Foundations international visiting programme einer Delegation aus Südasiens. Organised by Friedrich-Naumann-Stiftung für die Freiheit. Berlin, Germany: 30.09.2019 | Wolfgang Schulz              |
| Session lead/Workshop moderation: Kann das nicht jemand anders machen?!                      | Workshop: Open Lab Abend: Künstliche Intelligenz und Arbeit. Berlin, Germany: 03.10.2019   | Shirley Ogolla               |
| Keynote: Make Some ROOM for the Zeros – Data Sparsity in Secure Distributed Machine Learning | London Crypto Day 2019. Google London, London, United Kingdom: 11.10.2019  | Phillipp Schoppmann          |



| EVENT ACTIVITY  | EVENT   | RESEARCHER             |
|---|---|------------------------|
| Participating expert  | Conference: Afrilabs Annual Gathering 2019. African Union Commission HQ, Addis Ababa, Ethiopia: 28.10.2019  | Nicolas Friederici     |
| Session lead/Workshop moderation:<br>Webinar zum Thema Cybersecurity  | Learning Call: IGF Youth 2019. Organised by Gesellschaft für Informatik. 08.11.2019   | Katharina Mosene       |
| Keynote: The General Data Protection Regulation: From Compliance to Competitive Advantage                                       | European Association for Data Protection Professionals (EADPP) Conference. Urmond, Netherland: 14.11.2019   | Max von Grafenstein    |
| Keynote: Make Some ROOM for the Zeros – Data Sparsity in Secure Distributed Machine Learning                                    | Theory and Practice of Multi-Party Computation Workshop. Organised by Bar-Ilan University. Tel Aviv, Israel: 15.11.2019   | Phillipp Schoppmann    |
| Keynote: Defining data intermediaries   | Workshop: Governing Data as a Resource. Organised by Tilburg Law and Economics Center (TILEC). Tilburg, the Netherlands: 22.11.2019   | Alina Wernick          |
| Lecture/Talk: Back up: Can Users Sue Platforms to Reinstate Deleted Content? A Comparative Study of US and German Jurisprudence | Giganet Workshop. Internet Governance Forum 2019. Berlin, Germany: 25.11.2019   | Matthias C. Kettermann |
| Keynote: Why we need inclusive Internet Governance  | Side Event Internet Governance Forum 2019. Organised by Hans-Bredow-Institut, Dynamic Coalition on Gender and Internet Governance, netzforma*, Gunda-Werner-Institute, Centre for Internet and Human Rights, Humboldt Institute for Internet and Society, Berlin, Germany: 26.11.2019 | Katharina Mosene       |
| Participating expert: How best to fight online hate speech: distributing responsibility between states and companies            | Workshop: Tackling illegal content online: safeguarding digital rights. Internet Governance Forum 2019. Berlin, Germany: 26.11.2019   | Matthias C. Kettermann |
| Participating expert: Norms made in Europe: The European Regulatory Model for Data Protection as an Export Factor               | Workshop: Data-Driven Democracy: Ensuring Values in the Internet Age. Internet Governance Forum 2019. Berlin, Germany: 27.11.2019   | Matthias C. Kettermann |
| Discussion/Meeting: First GIZ Roundtable on Digital ID  | Workshop: First GIZ Roundtable on Digital ID First GIZ Roundtable on Digital ID. Organised by GIZ Lab. Berlin, Germany: 28.11.2019  | Kai Gärtner            |
| Panel: Projects of a Digital Future – interventions and talk  | Conference: Berlin Sci-Fi Film Fest. Organised by Berlin Sci-Fi FilmFest. Berlin, Germany: 30.11.2019   | Bronwen Deacon         |
| <b>National scope</b>   |   |                        |
| Participating expert  | Hearing: Anhörung des Ausschusses für die Angelegenheiten der Europäischen Union. Organised by Ausschuss für die Angelegenheiten der Europäischen Union. Deutscher Bundestag, Berlin, Germany: 14.01.2019   | Ingolf Pernice         |
| Lecture/Talk: Lernen 4.0  | Handelsblatt-Tagung "Strategisches IT-Management". Organised by Handelsblatt. München, Germany: 21.01.2019  | Thomas Schildhauer     |
| Lecture/Talk: Testing AI for health – introduction to legal questions   | Workshop on Artificial Intelligence for Health & ITU. Organised by International Telecommunication Union, World Health Organization. Lausanne, Switzerland: 22.01.2019  | Alina Wernick          |
| Lecture/Talk: Digitalisierung   | Science Slam. Organised by policult. Berlin, Germany: 04.03.2019  | Thomas Schildhauer     |
| Keynote: Digitalisierung als Herausforderung und Chance   | Treffen der Geschäftsführer der Beteiligungsunternehmen des Freistaates Sachsen. Organised by Sächsische Staatsministerium der Finanzen. Leipzig, Germany: 06.03.2019   | Thomas Schildhauer     |
| Panel: Welche Erwartungen haben wir an die Arbeitswelt von morgen?  | Festakt: 100 Jahre International Labour Organization. Organised by Bundesministerium für Arbeit und Soziales. Berlin, Germany: 12.03.2019   | Shirley Ogolla         |
| Lecture/Talk: Check your dataset! Machine learning bias and other unintended consequences gone wrong                            | Meta Marathon 2019 Robotics. Dusseldorf, Germany: 16.03.2019  | Shirley Ogolla         |
| Panel: Künstliche Intelligenz am Arbeitsplatz von morgen – wie sieht der neue Alltag aus?                                       | Conference: Z2X Digital. Organised by Zeit Online. Berlin, Germany: 22.03.2019  | Shirley Ogolla         |

| EVENT ACTIVITY   | EVENT  | RESEARCHER            |
|--|--|-----------------------|
| Participating expert   | Workshop: Blockchain-Technologie. Organised by Bundesministerium der Finanzen. Bundesdruckerei, Berlin, Germany: 26.03.2019  | Björn Scheuermann     |
| Keynote: Die mediatisierte Demokratie – Experimente im digitalen Möglichkeitsraum  | Forum Medienzukunft. Frankfurt/ Main, Germany: 04.04.2019  | Jeanette Hofmann      |
| Participating expert   | Conference: Panel discussion "Verfassung und Verfassungswirklichkeit". Organised by Bürgerstiftung Lebensraum Aachen in Kooperation mit dem Aachener Friedenspreis, RWTH und VHS. Aachen, Germany: 10.04.2019                                      | Wolfgang Schulz       |
| Panel: Auf dem Weg zur Digital Literacy im Engagement  | Digitales Engagement junger Menschen – Zwischen digitaler Avantgarde und Orientierungslosigkeit. Organised by Stiftung Bürger für Bürger. Diedersdorf, Germany: 03.05.2019   | Theresa Züger         |
| Participating expert   | Conference: Mediendialog Hamburg 2019. Hamburg, Germany: 03.05.2019  | Wolfgang Schulz       |
| Keynote: Wer hat welche Macht im Internet?   | re:publica19 t dr. Berlin, Germany: 06.05.2019   | Matthias C. Kettemann |
| Panel: Kollaboration, Kooperation, Kontrolle: Zusammenarbeit in Unternehmen  | re:publica19 t dr. Berlin, Germany: 06.05.2019   | Shirley Ogolla        |
| Session lead/Workshop moderation: #engagierdichglücklich   | re:publica19 t dr. Organised by Tincon e.V. Berlin, Germany: 07.05.2019  | Theresa Züger         |
| Discussion/Meeting   | Conference: digital.engagiert Kick Off Event. Organised by Stiftenverband für die Deutsche Wissenschaft e.V. Berlin, Germany: 09.05.2019   | Theresa Züger         |
| Keynote: Der große Wurf – Wie sieht die Zukunft der Digitalen Verwaltung aus?  | Moderne, digitale Verwaltung – Partner der Wirtschaft. Organised by Bundesministerium für Wirtschaft und Energie. Berlin, Germany: 09.05.2019  | Christian Djefal      |
| Lecture/Talk: Algorithmen und Co. – Chancen und Herausforderungen für Mitbestimmungsakteure  | ver.di Digitalisierungskongress: Künstliche Intelligenz – Wer steuert wen? Berlin, Germany: 21.05.2019   | Shirley Ogolla        |
| Lecture/Talk: Impulse für eine bessere Forschung   | BMBF-Forum International „The Future of Work“. Bundesministerium für Bildung und Forschung. Berlin, Germany: 22.05.2019  | Benedikt Fecher       |
| Lecture/Talk: Datenschutz by Design: Datenschutz durch Technikgestaltung vor dem Hintergrund der Geschichte der Datenschutzdebatte                     | Interne Datenschutztage. Organised by Brandenburgischer IT-Dienstleister (ZIT-BB). Potsdam, Germany: 23.05.2019  | Jörg Pohle            |
| Participating expert   | Workshop: Gläserne Flüchtlinge? Datenverarbeitung und das Menschenrecht auf Privatsphäre im Asylverfahren und bei Integrationsmaßnahmen. Organised by Deutscher Caritasverband, Deutsches Institut für Menschenrechte. Berlin, Germany: 04.06.2019 | Jörg Pohle            |
| Participating expert   | Workshop: Workshop about the problems of society. Organised by Capital. Berlin, Germany: 21.06.2019  | Björn Scheuermann     |
| Lecture/Talk: Lektion 9: KI und Arbeit – Prognosen, Chancen und Herausforderungen  | Video-Seminar "Künstliche Intelligenz". ZEIT Akademie, Hamburg, Germany: 21.06.2019  | Shirley Ogolla        |
| Lecture/Talk: Lektion 10: KI und Ethik – Verantwortung, Erklärbarkeit und Transparenz von algorithmischen Entscheidungen                               | Video-Seminar "Künstliche Intelligenz". ZEIT Akademie, Hamburg, Germany: 21.06.2019  | Shirley Ogolla        |
| Keynote: Mediatisierte Demokratie – Experimente im digitalen Möglichkeitsraum  | Telemedicus Sommerkonferenz 2019. Organised by Telemedicus Konferenz. Berlin, Germany: 22.06.2019  | Jeanette Hofmann      |
| Panel: Im Kontrollfieber: Wer beherrscht die Machträume der Digitalisierung?   | Conference: 20. Internationale Schillertage. Organised by Nationaltheater Mannheim. Mannheim, Germany: 28.06.2019  | Jeanette Hofmann      |
| Keynote: Von gescheiterten Konzepten und neuen Denkansätzen. Welchen Rechtsrahmen braucht die öffentliche Kommunikation in der digitalen Gesellschaft? | Medienordnung 4.0 – Wie sieht die Medienordnung der Zukunft aus? Organised by Europäisches Institut für Medienrecht, Leibniz Institut für Medienrecht, Hans-Bredow-Institut, Staatskanzlei Schleswig-Holstein. Berlin, Germany: 04.07.2019         | Wolfgang Schulz       |

| EVENT ACTIVITY   | EVENT   | RESEARCHER              |
|--|---|-------------------------|
| Lecture/Talk: Strategien globaler Cyber(sicherheits-) Politik – ein transatlantischer Vergleich  | Recht und Sicherheit im digitalen Raum – wer macht was im föderalen System? Organised by Konrad-Adenauer-Stiftung, Cadenabbia, Italy: 21.08.2019  | Ingolf Pernice          |
| Participating expert   | Hearing: Fachgespräch: Digitalisierung – Recht und Ethik. Organised by Bundesministerium für Bildung und Forschung, Berlin, Germany: 26.08.2019   | Wolfgang Schulz         |
| Participating expert: Bots, die beißen: Völkerrechtliche Grenzen der staatlichen Nutzung sozialer Medien zur aktiven Cyberaußenpolitik | Workshop: Horch, was kommt von draußen rein? Desinformation im Internet Network & Politics Series #7. Organised by Hans-Bredow-Institut, Wissenschaftszentrum Berlin, Berlin, Germany: 10.09.2019   | Matthias C. Kettnermann |
| Panel: Kampf der Plattform-Giganten – wie sieht der deutsch-europäische Weg aus?   | Conference: 11. Internet Governance Forum Deutschland. Bundesministerium für Wirtschaft & Energie, Berlin, Germany: 11.09.2019  | Nicolas Friederici      |
| Participating expert   | Workshop: Interner Workshop zum Thema Algorithmisches Entscheiden für das VW Projekt. Organised by Technische Universität Kaiserslautern, Hans-Bredow-Institut, Zeppelin Universität Friedrichshafen, University of Birmingham, Kaiserslautern, Germany: 12.09.2019 | Wolfgang Schulz         |
| Lecture/Talk: Wen oder was schützt die Netzpolitik? Eine Retrospektive   | Das ist Netzpolitik! Organised by Netzpolitik.org, Berlin, Germany: 13.09.2019  | Jeanette Hofmann        |
| Panel: Neue Formen gesellschaftlicher Teilhabe – Chancen für eine lernfähige Demokratie 4.0 im digitalen Kontext?                      | Werkstattgespräch Demokratie im digitalen Kontext. Organised by Deutsche UNESCO-Kommission, Berlin, Germany: 27.09.2019   | Theresa Züger           |
| Participating expert   | Conference: Projektkonferenz "Datengovernance für Digitalmobilität". Organised by Institut für Kommunikationsforschung e.V. Europäische Akademie Berlin, Berlin, Berlin: 27.09.2019   | Jörg Pohle              |
| Participating expert   | Workshop: Gesprächsrunde mit Verbandsvertretern: Digitalisierung klein- und mittelständischer Unternehmen. Organised by Amazon, Berlin, Germany: 17.10.2019   | Wolfgang Schulz         |
| Participating expert   | Workshop: Visuelle Fake News Debatten-Dienstag. Organised by Museum für Kommunikation, Frankfurt am Main, Germany: 29.10.2019   | Katharina Mosene        |
| Participating expert: Project presentation DECIDE  | Workshop: Demokratie digital, Teilhabe real. Organised by betterplace lab, Berlin, Germany: 21.11.2019  | Kai Gärtner             |
| Panel: Thementrack "KI und Produktion"   | Conference: KI-Camp – Die Forschungs-Convention im Wissenschaftsjahr Künstliche Intelligenz. Bundesministerium für Bildung und Forschung, Berlin, Germany: 05.12.2019   | Shirley Ogolla          |

## SECURING AND DEVELOPING THE INSTITUTE'S FUTURE

## 3. Acquisition of institutional and project funding to extend the life-span of the institute (confirmed)

| BRIEF DESCRIPTION  | FUNDER   | DIRECTOR/RESEARCHER  | CONTRACT TIME FRAME   | FUNDING 2019       |
|--|--|--|-----------------------|--------------------|
| Institutional funding  | GFI/google   | –  | 01.04.2012–31.12.2019 | 750 000 €          |
| Support on the project: Internet Policy Review   | University of Victoria   | Frédéric Dubois,<br>Jeanette Hofmann                             | 01.12.2019–31.12.2019 | 3 500 €            |
| Support on the research programme II: data, actors, infrastructures  | Berlin Institute of Health   | Björn Scheuermann  | 06.12.2019–31.01.2020 | 10 000 €           |
| Support on the project: Portraitreihe: Junges Engagement im digitalen Zeitalter  | Federal Ministry for Family Affairs, Senior Citizens, Women and Youth (BMFSFJ)                                       | Jeanette Hofmann,<br>Theresa Züger                               | 01.12.2019–31.12.2020 | 3 723 €            |
| Support on the project: Kompetenzzentrum 4.0 (incl. KI Trainer)  | Federal Ministry for Economic Affairs and Energy (BMWi)  | Nicolas Friederici, Philip Meier, Thomas Schildhauer             | 01.05.2016–30.04.2021 | 495 900 €          |
| Support on the project: OPEN   | H2020  | Hendrik Send   | 01.09.2019–31.08.2022 | 37 777 €           |
| Support on the project: The Futures of Telemedicine: Knowledge, Policy, Regulation   | Cisco/ Silicon Valley Community Foundation   | Alina Wernick, Thomas Christian Bächle,<br>Thomas Schildhauer    | 01.07.2018–30.06.2019 | 44 360 €           |
| Support on the project: AI Oracle  | Wissenschaft im Dialog (WiD)   | Shirley Ogolla   | 01.03.2019–31.12.2019 | 10 000 €           |
| Support on the project: KI und Wissenschaft (KIWI)   | Federal Ministry of Labour and Social Affairs (BMAS)   | Shirley Ogolla, Thomas Schildhauer, Hendrik Send                 | 01.05.2019–30.04.2022 | 98 439 €           |
| Support on the project: Abstimmung und Umfragen durch digitale Identität und Losverfahren (DECiDe)                             | Federal Ministry for Family Affairs, Senior Citizens, Women and Youth (BMFSFJ), Robert-Bosch-Stiftung, demokratie.io | Kai Gärtner  | 01.01.2019–30.06.2019 | 20 000 €           |
| Support of researcher Rebecca Kahn   | Stifterverband   | Rebecca Kahn   | 01.10.2018–31.05.2019 | 2 500 €            |
| Support on the project: Abstimmung und Umfragen durch digitale Identität und Losverfahren (DECiDe)                             | Advocate Europe  | Björn Scheuermann,<br>Kai Gärtner, Jörg Pohle,<br>Ingolf Pernice | 01.09.2018–31.08.2019 | 32 000 €           |
| Support on the project: 3. Engagementbericht der Bundesregierung   | Federal Ministry for Family Affairs, Senior Citizens, Women and Youth (BMFSFJ)                                       | Jeanette Hofmann,<br>Theresa Züger                               | 01.10.2018–30.09.2020 | 521 200 €          |
| Support on the project: Action for computational thinking in social sciences (ACTISS)  | Erasmus+   | Natalia Sokolovska,<br>Benedikt Fecher                           | 01.12.2018–31.08.2021 | 32 000 €           |
| Support on the project: IMPaQt – Qualitätsentwicklung in der Wissenschaft  | Federal Ministry of Education and Research (BMBF)  | Natalia Sokolovska,<br>Benedikt Fecher                           | 01.06.2019–31.05.2022 | 80 023 €           |
| Support on Juniorprofessorship Humboldt-Universität Berlin: Digitales Wissensmanagement in Studium und Lehre an der Hochschule | Commerzbank Stiftung   | Wolfgang Schulz, Thomas Schildhauer, Benedikt Fecher             | 01.10.2018–30.09.2024 | 82 667 €           |
| Support on the project: Digital Research Mining (DREAM)  | Federal Ministry of Education and Research (BMBF)  | Benedikt Fecher,<br>Wolfgang Schulz                              | 01.01.2018–31.12.2019 | 30 000 €           |
| Support on the project: Konkurrent und Komplementär  | Hans-Böckler-Stiftung  | Shirley Ogolla, Kirsten Collatz, Hendrik Send                    | 01.10.2017–31.12.2019 | 110 402 €          |
| Support on the project: Pelagios Commons – Linking the places of your past   | University Exeter/ Mellon Foundation   | Rebecca Kahn   | 01.01.2018–31.12.2019 | 64 019 €           |
| Support of the event series: Making Sense of the Digital Society   | Bundeszentrale für politische Bildung (bpB)  | Christian Katzenbach,<br>Jeanette Hofmann                        | 01.12.2017–31.12.2020 | 120 000 €          |
| Funding for two workshops within the project EXPLOIDS (Explicit Privacy-Preserving Host Intrusion Detection System)            | Federal Ministry of Education and Research (BMBF)  | Max von Grafenstein  | 01.07.2017–30.06.2019 | 20 000 €           |
| Support on the project: InnOAcceSS   | Deutsche Forschungsgemeinschaft (DFG)  | Frédéric Dubois, Christian Katzenbach, Jeanette Hofmann          | 01.06.2019–30.11.2020 | 30 681 €           |
|  |  |  |                       | <b>2 599 191 €</b> |

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