


The background of the slide is a collage of book covers. At the top left, a book titled 'NETNOGRAPHY: REDEFINED' features colorful stick figures. Next to it is 'SOCIAL NETWORK ANALYSIS for EGO-NETS' with a network diagram of red nodes and lines. To the right is 'superconnected: THE INTERNET, DIGITAL MEDIA & TECHNO-SOCIAL LIFE' by Mary Chayko, showing a crowd of people with their phones raised. Below these, a book with a large black less-than sign (<) is visible. At the bottom left is a blue book 'Understanding Cultural Culture' by Vincent Miller. In the center bottom is a red book 'VISUAL METHODOLOGIES: An Introduction to Researching with Visual Materials' by Gillian Rose, 4th edition, featuring a woman in a historical dress. To the right of that is a yellow book 'SOCIAL MEDIA FOR ACADEMICS' with a red speech bubble graphic. On the far right, a green book titled 'Social a critical' by Christi is partially visible.


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Academic articles, books, and book contributions
published by the HIIG and its researchers

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RESEARCH REPORT 2016

RESEARCH REPORT 2016

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The Alexander von Humboldt Institute for Internet and Society (HIIG) explores the dynamic relationship between the internet and society, including the increasing interpenetration of digital infrastructures and various domains of everyday life. Its goal is to understand the interplay of social-cultural, legal, economic and technical norms in the process of digitalisation.

Drawing on basic and applied research, HIIG contributes novel ideas and insights to the public debate on the challenges and opportunities of digitalisation. It serves as a forum for researchers on internet and society and encourages the collaborative development of projects, applications and research networks on the national and international level. The institute uses a variety of formats to share its research with the public, including the political sphere, business and civil society.

In addition to conducting problem-oriented research on the challenges of the digital society and publishing research results, the HIIG team has pursued the following objectives in 2016:

- Strengthening HIIG's research strategy and profile
- Supporting the doctoral programme and especially the completion of the first doctoral dissertations
- Stabilising the NoC and international relationships/fellowship structures

Advancing research transfer through topic-oriented events and communication, especially as host of the annual conference of the Association of Internet Researchers (AoIR, October 2016). As in previous years, it has been important to secure long-term funding for the institute and succeed in evaluated third-party funding applications.

RESEARCH PROGRAMMES AND DEPARTMENTS

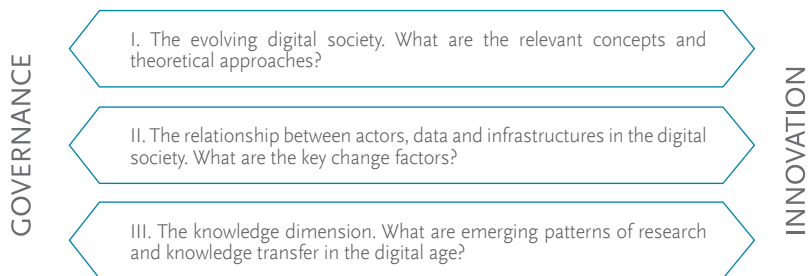
To strengthen HIIG's research strategy and profile, we analysed the existing projects according to their research focus and key questions that drive the research teams. Based on this assessment, the HIIG team found common ground within every topic and project irrespective of the disciplinary background of the research team or objective: our conceptual frame of reference for identifying and assessing societal changes throughout the process of digitalisation is the relationship between innovation and governance. There are a number of reasons why this relationship is a compelling research focus. Innovation and governance interact in ambiguous ways; they may both mutually stimulate and even enable each other, but they may also be constraining. Tensions and synergies emerging from this relationship can be found across all societal fields and organisations, including the state, corporations and markets, from the local to the global level. While the relationship between innovation and governance is empirically gaining in relevance, analytically it is still under-researched. This focus also promises to integrate the research interests and expertise of all groups at HIIG.

Guided by this perspective, we structure our research agenda by research programmes. Research programmes are expected to stretch over a defined period of time and be driven by the broad research questions overarching the institute's departments. Projects will contribute in various ways to addressing the research questions.

Read on if you want to find out about our overarching research programmes and research departments: Internet and Media Regulation, Internet Policy and Governance, Internet-enabled Innovation, and Global Constitutionalism and the Internet.

RESEARCH PROGRAMMES

Since 2014, the HIIG team has been working to advance its research agenda and raise its academic profile. The following graphic shows an outline of the structure that guides the institute's research development:



I. The evolving digital society. What are the relevant concepts and theoretical approaches?

Today, many observers link the process of digitalisation to major transformations in society and economy. It has become conventional wisdom that digital technologies can be disruptive and that, as a result, modern societies are undergoing a period of permanent structural change. From an academic point of view, this raises the question of the consequences of the digital upheaval for the development of contemporary theory: Does the digital transformation also call into question our conceptual apparatus for investigating society, the economy, the state? Are there relevant new phenomena that cannot be adequately understood on the basis of existing theoretical assumptions? Are there new theoretical approaches that can identify the constitutional elements of the changes we observe? While it may be too early to answer these questions, we are called upon to at least look at them. The programme will focus on critical moments and structural shifts as general reference points.

In 2016, we saw that the debate on digitalisation is vibrant in all kinds of domains: the role of platforms in campaigns and public discourse, the widespread deployment of artificial intelligence across sectors, the roll-out of networked devices and sensors and their adoption in industry and public administration. But scholars are only now beginning to develop theories that can capture the current transformation. In the last months, we have put effort into reviewing literature that offers conceptual and theoretical approaches to the evolving digital society. In addition, we conducted an internal survey and asked the whole HIIG research team to tell us what pieces on digitalisation they found particularly eye-opening. This will help us in developing a shared conceptual perspective on digitalisation processes and transformations in contemporary societies. For 2017, we plan to start a high-profile lecture series on *Making Sense of the Digital Society* (working title) featuring key European thinkers.

II. The relationship between actors, data and infrastructures in the digital society. What are the key change factors?

Information technologies are based upon data and give data a key role in the digital society. Yet our understanding of the increasing relevance of data is far from complete. Better access to data, information, education and knowledge, transparency and networks empower the individual and bring about opportunities for our model of democracy; they may profoundly change governance along with relationships in the public and private sector. On the one hand, big-data-based analytics, predictive policies, and IoT applications allow for more efficient business and public administration; on the other hand, new modes of surveillance challenge established relations in labour-, health-, insurance-, security systems and markets, and threaten individual freedoms and trust. The internet of things will multiply the amount of data. With increasingly innovative analytics and uses of data, it will become more and more valuable in the digital society. Thus, we need to rethink our patterns of data ownership and flows, our data infrastructures and security as well as our approaches to the protection of personal data and privacy, personal freedom and political participation in a globalised society. This will lead to more in-depth research on particular aspects of change that have become apparent from three angles: actors, relationships and governance.

In 2016, researchers from HIIG participated in academic conferences and organised various events. For example, Max von Grafenstein gave an insight into the *Interplay of Data Protection Principles and Data-driven Innovation* at the European Digital Governance (EuroDIG) conference in Brussels. Together with the Vodafone Institute for Society and Communications, HIIG published a special issue on *Big Data: Big Power Shifts* in its *Internet Policy Review*, an open source academic online journal, and organised a related special keynote dialogue with several internationally renowned speakers, such as Siim Sikkut, the Digital Policy Adviser at the Government Office of Estonia. HIIG also organised several roundtables and workshops, for example, on *Data Sovereignty in Europe*, and *Privacy, Data Protection and Surveillance*. Last but not least, we also tested a new format: the legal hackathon *Building Standards for Privacy- and Security-by-Design in the IoT*, in which five groups of privacy and security experts from all over the world and different disciplines elaborated on privacy and security-by-design solutions for a public WiFi system in a smart city environment.

III. The knowledge dimension. What are emerging patterns of research and knowledge transfer in the digital age?

This research programme looks at central questions at the intersection of technology, research and knowledge dissemination. New technologies are creating new premises for how knowledge is generated and disseminated. The internet can be understood as the essential infrastructure for a type of society, the key resource of which is knowledge. Thus, generating, processing and storing knowledge is becoming a key factor for the private and the public sector alike. This programme will focus on organisational learning, since this can only be understood by combining innovation research and the analysis of governance structures.

We published a study on the digitalisation of learning together with the *Federation of German Industries* (BDI) and the *Internet Economy Foundation* (IE.F.) Furthermore, we succeeded in publishing articles in several high-impact outlets, including *Science* and *Public Understanding of Science*, especially on the topic of data sharing, open access and citizen science. Benedikt Fecher finished his dissertation on data sharing in academic research, in which he empirically investigated how researchers handle their data and what motivates them to make data publicly available. Hannfried Leisterer finished his dissertation, which shows that European and German cyber security policies basically rely on knowledge, including diverse methods of information gathering, transfer and distribution regarding technology, incidents and resilience. For 2017, we plan to widen our scope and launch projects on knowledge governance in academic, political and economic organisations. We have already applied for funding for a project on innovation in higher education.

RESEARCH DEPARTMENTS

We are striving to progressively implement the key issues defined in the research programmes through cooperative interdisciplinary work within the four research departments of the institute:

Internet and Media Regulation

Research in the Internet and Media Regulation department derives from questions revolving around the normative structure of the internet. A common feature of all our projects is their interdisciplinarity – though grounded in a distinct legal context, our work is never narrow in its focus. We regularly incorporate influences from other disciplines to complement the strong legal and academic background, making for very versatile and dynamic research. This allows us to fill research gaps that have, to date, mostly been unaddressed. We are able to rely on numerous connections to further our disciplinary and interdisciplinary work – be it in the practical field or in the international context – such as our cooperations, collaborations and joint presentations with different institutions, encompassing the conglomerate of centres that ultimately developed into the Network of Centers (NoC).

Some of the most notable research results of 2016 include the work of Wolfgang Schulz, Markus Oermann and Tobias Mast regarding communicative figurations in internet governance. The goal was to get greater insight not only into governance structures, but also the process of development and changes in normative factors, by observing intra- and inter-organisational procedures in a holistic way. The authors do so by further developing the factor model used in internet governance by combining it with Norbert Elias's figuration approach. They take the Advisory Council on the Deletion of Undesirable Search Results as an example and analyse it. The results are condensed into the paper *Doing Governance in Figurations: Proposal of an Analytical Framework* which was presented on several occasions, such as ECREA conference in Prag, the IGF's yearly conference in Guadalajara and 4S/EASST Conference in Barcelona.

In collaboration with NYU's Joris van Hoboken, Wolfgang Schulz also scrutinises the influence and development of encryption techniques in a report for the UNESCO titled *Human Rights Aspects of Encryption*. The authors do so by assessing different encryption techniques as well as their use and their importance for the media landscape, especially in journalism. The legal framework for using encryption techniques in several countries, like the US, Germany and India is then analysed. Summarising the relation between encryption and the realisation of human rights, the report gives insight into the current situation worldwide. It's result were presented at the UNESCO encryption panel at the IGF's 2016 conference in Guadalajara.

Governance by things (Vol. 5 *Internet Policy Review*) is the latest publication by Wolfgang Schulz and Kevin Dankert on how the rise of the internet of things will challenge regulatory structures. Coming from the idea of code as law, the shift from technology governing online spaces to physical spaces is described as a new phenomenon. Some key observations of this structural shift are characterised in this article, regarding its self-executing character and the imperfection of technology. Finally, the authors draw the conclusion that *Governance by Things* calls for a second-order regulation.

Starting in 2017 a new kind of interactive survey that draws on the Network of Centers' wisdom will be launched. While the groundwork and foundations were laid in 2016, the survey will be conducted yearly. Its goal is to map research topics and trends by asking the NoC's members about their work and their perception of important and emerging issues. Hopefully, it will be able to answer questions regarding the definition of research topics, the reasons for new research trends, the meaning of certain concepts and ideas and overall the construction of the research community. As the survey will be conducted on a yearly basis, the data set will be ever-growing, enabling researchers to draw on it for years to come.

Finally, in October, in collaboration with the Hans-Bredow-Institut and Hong Kong University and kindly funded by the German Academic Exchange Service, a group of six researchers was able to organise and attend a big data conference in Hong Kong. HIIG researchers presented their recent work regarding big data issues and established a dialogue with Asian researchers from China, Hong Kong, Singapore and other countries. The conference was hosted by the HKU law faculty and

provided valuable insight into the big emerging markets. The conference was already the second collaboration between the HKU and the HIIG and is about to be continued next year.

Internet Policy and Governance

The Internet Policy and Governance research department investigates contested fields of internet regulation such as copyright, freedom of expression and internet infrastructure from a governance perspective. Our approach connects political and legal concepts of regulation on the one hand and sociological notions of coordination on the other. We are particularly interested in how social-cultural, technical, and legal norms contribute to ordering digitally networked environments. We published a detailed outline of our approach in the Journal *New Media & Society*. In cooperation with Dmitry Epstein (University of Chicago) and Francesca Musiani (CNRS, Sorbonne), we further advanced the conceptual discourse around internet policy and governance by organising a pre-conference at AoIR 2016 with 80 participants, and by publishing a special issue in the *Internet Policy Review* on *Doing Internet Governance*, which contained ten articles by leading and emerging scholars of the research field.

In our lead project **Empirical Copyright Research**, we wrapped up the case study on imitation and innovation in the games sector. Christian Katzenbach, Lies van Roessel and Sarah Herweg published the discourse analyses of contested cases of plagiarism in early 2016 in the *International Journal of Communication*. Two further papers, focusing on processes of innovation in the games sector and on governance of innovation respectively, are nearly ready for submission to journals. At the 6th European Communication Congress, we presented our theoretical framework for studying the governance of cultural goods, with games development as a case study. We intend to continue this line of research through comparative investigations across territories and sectors with partners in the Netherlands (IViR), Scotland (CREATe) and Israel (University of Haifa).

A second research area concerns the **infrastructures of the digital society**. The central questions are how these technical infrastructures are governed and how they are integrated within social relations. In line with this interest, we started to study the certificate ecosystem, which evolved on the basis of the TLS (Transport Layer Security) protocol. While this protocol is one of the important pillars of secure everyday internet usage, discussions on it mostly relate to technical aspects of security. In 2016, the doctoral candidate Uta Meier-Hahn completed the empirical analysis on the social dimension of internet interconnection. Her report, published on SSRN, about the effect of regulatory conditions on internet interconnection was downloaded more than 500 times within the first six months. Uta also participated in an expert workshop on IP interconnection and net neutrality convened by the Body of European Regulators for Electronic Communications (BEREC) and the OECD. Further, the Regional Internet Registry for Europe, the Middle East and parts of Central Asia (RIPE NCC) will support the finalisation of Uta Meier-Hahn's dissertation in 2017 with a substantial financial grant.

The public debate on hate speech, user harassment and extremist content on social network sites intensified in 2016. In the project **Freedom of Expression in the Quasi-public Sphere**, Kirsten Gollatz investigated the social media companies' policies and means to govern speech on their platforms. After having completed the historical analysis of platforms' content rules, the project will move towards analysing the public discourse on forms, means and justifications of a private governance of user content. The research was supported in 2015/16 by the German Academic Exchange Service (DAAD) in the form of a 7-month Visiting Fellowship at New York University. The VW-Stiftung funded the interdisciplinary project **Networks of Outrage** that Julian Außerhofer and Cornelius Puschmann jointly conducted with journalists from the Austrian newspaper *der Standard*. Over a period of nine months, the research explored the networks and messages of right wing movements such as Pegida through a large corpus of data from Twitter, Facebook and the Web. The researchers presented results at the Tenth International AAAI Conference on Web and Social Media (ICWSM) in Cologne and the 2016 Social Media & Society Conference in London.

In 2016 the European open access journal *Internet Policy Review*, led by HIIG's Policy and Governance team, focused on experimenting with open access publication models for interdisciplinary research communities and on publishing a total of 33 peer reviewed papers and three special issues: Big data: big power shifts, Regulating the sharing economy, and Doing internet governance.

Internet-enabled Innovation

In 2016, HIIG's **Innovation and entrepreneurship** research team continued to offer Startup Clinics to discuss challenges with founders, collect knowledge about hindering and supporting factors for internet-based startups and guide them to a network of high-level experts. In September, the first entrepreneurship dissertation was published; it discussed what competencies in sales and marketing a person needs to build and grow an internet-enabled startup and reach profitability, including: credibility, willingness to learn, perseverance, resilience, results orientation, communication skills, customer orientation and analytical capacity. By the end of the year, three more theses were finalised, including studies on financing strategies for high tech startups and data protection between openness to innovation and rule of law as well as on startup business model development. In addition we added a new branch of research with two additional research projects. The first one deals with the digitalisation of the German Mittelstand (funded by BMWi). Within the project consortium, we focus on researching the knowledge transfer between highly digitalised startups and SMEs. The second one deals with collaborations between startups and corporates (supported by Spielfeld Digital Hub). Thomas Schildhauer gave several speeches on these topics at national and international research and industry panels and conferences, for example, at the UNSW in Sydney.

Our three-year research project **User Innovation in the Energy Market** investigates the role of citizens and prosumers in that market. Despite the debate about the changing role of users in a sustainable and smart energy system, user-initiated innovation has largely been absent from the energy sector. In the first work package, we screened 2 474 scientific articles to analyse the research

landscape in the user innovation research field. We condensed relevant findings and evidence in a systematic literature review of 128 peer-reviewed articles that contrasts user-driven pooling (UDP) and firm-driven polling (FDP) communities. We are currently working on our second work package. In this, we are conducting a netnographic study on an open source hardware community that has developed an energy management tool. Our research focuses on the various community activities as triggers for new product developments in user communities. Parallel to this, we are preparing a comprehensive online survey to quantify the number of energy user innovators and to try to uncover their motives for or barriers to innovating. In our research, we are still collaborating with a research group from the University of New South Wales, Australia. We particularly share an interest in the enabling role of ICT and the community approach. In 2017, we are going to publish a joint research article.

In 2016, doctoral candidate Benedikt Fecher handed in his dissertation on the topic of data sharing in academia. Benedikt Fecher further published articles on the topic in the renowned journal *Science* and the disciplinary journal *Publications*. He also published an article on Open Access in the German national newspaper *Frankfurter Allgemeine Zeitung*, together with Gert G. Wagner from the German Institute for Economic Research. Two other articles on the topic, together with Sascha Friesike (HIIG), Marcel Hebing (HIIG) and Stephanie Linek (ZBW) are currently under review. In addition, the research group published an article in the renowned journal *Public Understanding of Science*. The article was written by Kaja Scheliga, Sascha Friesike, Cornelius Puschmann and Benedikt Fecher and applied case study research to investigate how crowd science projects come into being. Sascha Friesike was asked to become an expert on the Knowledge Exchange Open Scholarship Advisory Group by the German funding agency DFG. He also was invited to be a panel member of Nord Forsk's Open Science committee (Nord Forsk is the funding agency of the Nordic countries in Europe). The **Open Science** project is part of the Leibniz Science 2.0 research alliance.

In our **Remixing for Innovation** project we received good feedback from the *Journal of Information Technology* in round one and revised the paper accordingly. Currently, the paper is still under review in the second round of revisions. We also conducted further studies as part of the project. In the first one we interviewed 80 creatives on the platform Thingiverse on their remixing behavior. In a follow-up study, we used a survey to investigate remixing in a larger population. Results of our studies were featured in multiple talks, including in the Long Night of the Sciences and the Chaos Communication Congress.

Our research on **open source product development** in collaboration with the Technische Universität Berlin has been awarded a three year research grant by Agence Nationale de la Recherche (ANR) and the Deutsche Forschungsgemeinschaft (DFG). The research project will be carried out together with Université de Grenoble (Institute G-SCOP und CERAG), Raidlight SAS, OpenIT Agency, P2PLab und Open Source Ecology. The HIIG research team is currently reviewing business models for open source product development. In January, we will examine case study data on open source product development initiatives in light of the current review.

Global Constitutionalism and the Internet

Combining the theory of global constitutionalism with the possibilities of the internet is a central task of our research. In 2016, there was a particular focus on multilevel constitutionalism and eDemocracy. The interim results of a broader study on this subject were also raised by Ingolf Pernice at the Congreso del Futuro in Santiago de Chile. The results concerned general principles but also include benefits for equal borderless information, transparency, public deliberation spaces, direct participation, and e-voting. Among the conditions for any kind of democratic global ordering based upon the internet, the ones identified as most important were the recognition of common fundamental values and rights as spelled out in the various instruments of international law, free and equal access to the internet for everybody, a sufficient level of education and information that includes digital literacy, and a high level of trust in the internet, including strong protection of privacy and data security. Our research on **Global Privacy Governance** focuses on processes establishing standards and rules on privacy and data protection as a part of HIIG's research programme on the relationship between actors, data and infrastructure. We hosted an international workshop on the role of regulatory authorities in the governance of data protection. Analysing the substantive protection provided by data protection laws, we identified serious shortcomings in the law's narrow focus on regulating the handling of personally identifiable information, ignoring the consequences of using anonymised or statistical information for the rights and freedoms of individuals and groups in the information society. We also participated in the first round of a transatlantic digital dialogue, organised by the Stiftung Neue Verantwortung, on mass surveillance. For a specific application of privacy by design the research project **Goodcoin** aims at developing a bonus point and payment system that combines the advantages of statistical correlation analysis for retailers with the data protection interests of the participating customers. At the heart of this project is the technical design of such a system.

The research project **Digital Civil Disobedience** was finalised and submitted as a dissertation at Humboldt-Universität zu Berlin. The project combines the analysis of digital disobedience as a political practice with the discourse about civil disobedience in political philosophy. Building on this dialogue between theory and practice, this project argues for a wider definition of civil disobedience in comparison to the most dominant theories. The **KORSE** project on the law of civil security in Europe was successfully concluded in 2016. Two dissertation projects were successfully submitted, and two more dissertations are about to be completed. The topics concerned different aspects of cybersecurity. In a more general manner, the basic concept of security was reviewed regarding its application to basic rights. Another project inquired into the way in which the state handles information, particularly regarding security gaps and zero day exploits. A third topic was whether and under what circumstances private companies could be obliged to release data in criminal proceedings. The fourth dissertation deals with cybercrime policies and related powers of the European Union. Some of the members contributed to a very important edited volume in the field of civil security in Europe. Cybersecurity remains an important research topic for HIIG, and we held a workshop on key issues to be addressed within a new research project. The research in the **dwerft** project analyses the legal framework for creative re-uses of audiovisual works and preservation

efforts. Hosting platforms increasingly serve as the central intermediaries for distributing creative re-uses such as remixes or even documentary films. The project **IoT and eGovernment** took off in 2016 and focused on the regulation and the application of the internet of things by public administrations. It was important for us to get the basic ideas of IoT as well as the public administration right. A first workshop helped us to grapple with those questions. In this workshop we developed the basic research methodology for the first paper. This paper dealt with the legal reasons for but also the legal limits of IoT and public administration and the design aspect of the question. Building upon our learning, we organised a workshop bringing together practitioners and scholars from various disciplines in order to discuss questions of digitalisation, automation and their consequences for IT-security law, data protection and public administrative procedure.

NETWORK AND INTERNATIONAL RELATIONS

NETWORK OF CENTERS

For the Network of Centers, 2016 was characterised by major changes. It grew even further, from 63 members in 2015 to an astonishing 76 members from five continents. As the biggest research cluster in its field of studies, the NoC enables its members to connect easily and collaborate closely with researchers from all over the globe. The close relationship between the centres allows researchers to easily connect with colleagues for discussion and inspiration, and helps them to understand foreign developments. This extraordinary development is mostly due to the commitment of the Nexa Center for Internet and Society in Torino. Professor Juan Carlos de Martin, director of the Nexa Center, and his team have made an outstanding effort to lead and foster the Network in the last two years.

Meanwhile the NoC's members have been active in creating and presenting research and hosting and visiting events like 2016's AoIR in Berlin. With the NoC's Hangout Call Series, which looks at topics like an Internet Bill of Rights, a new format of knowledge transfer has successfully been tested. A repository for the network's combined knowledge will be the next step.

Since October 2016, the administrative lead of the network rotated to the Institute for Technology & Society of Rio de Janeiro (ITS Rio), which will head the network for the upcoming two years. Currently a roadmap for the next two years is being developed, which will be agreed upon shortly and will include new research projects, events, fellowships and other cooperations as well as the annual conference.

FELLOW PROGRAMME AND VISITING RESEARCHERS

The Fellow Programme has been offered since 2013. To become a HIIG Fellow in 2016, applicants from 17 different nations turned in their documents. After the selection procedure, including interviews, four fellows were selected in 2016, one for each of the institute's research departments. The fellows came from the USA, the Netherlands and Germany. The timeframes and duration of the stay varied between two and six months and some were extended to one year.

All fellows were assigned a research partner from the respective research department and were invited to participate in the joint activities of their research department. In the course of the programme, the institute offered several opportunities for organising workshops, writing blog articles, and working on papers with HIIG researchers alongside the individual doctoral projects. Moreover, by encouraging the fellows to present their research in so-called HIIG Clubs for the whole institute, crossovers between fellows and other research departments could emerge. For instance, fellow Stefan Baack became part of a research group on blockchain at the institute and might be coordinating it in the upcoming year. Timothy Libert used the stay in Berlin to connect with the digital community, giving talks at Berlin's C-Base.

All in all, as was also the case in 2015, the fellow programme of 2016 turned out to be very beneficial – both for the fellows and for the institute. Fellows from the 2015 cohort continued their collaboration with HIIG as long-term associated researchers in 2016, set up working groups at the institute, engaged with the HIIG Blog or supported the HIIG format Digitaler Salon. One former fellow will be returning to the HIIG as an employee in 2017.

After four years of successfully conducting the fellowship programme, the challenge for 2017 lies in supporting the fellows and strongly integrating them into teams, even though there will be fewer doctoral candidates at HIIG, who were always especially eager to support the exchange.

In addition to the fellowship programme, HIIG also served as a host institution for visiting researchers (a total of nine in 2016) coming from a variety of disciplinary backgrounds and countries, including Sweden, Germany, Brazil, Spain, Austria and Australia. The visiting periods varied from one to five months and the researchers initiated or participated in events such as AoIR (e.g. Axel Bruns, Stefan Larsson), Brown Bag Lunches (e.g. Max Hänska, Rikke Jorgensen), and joint projects (Maria Olmedilla Fernandez with the Smart Energy User Innovation); they were also present for some of the institute's quarterly meetings.

Due to the increasing number of applications and accepted visiting researchers since the last four years, costs (e.g. working spaces, coordination) are increasing too. The possibility of offering research stays at HIIG for a fee in order to continue successful arrangements for upcoming visiting researchers will be considered.

PROMOTING UP-AND-COMING RESEARCHERS

In 2012, HIIG implemented a doctoral programme to promote up-and-coming academics in the field of internet research. In 2013, the doctoral team was strengthened significantly with the launch of two research projects – and the programme grew again in 2014. Two doctoral students were hired for the BMBF-funded *dwerft* project and five other doctoral students joined HIIG's Internet and Entrepreneurship team to earn their doctorate working in the area of the Startup Clinics. Currently, there are 17 doctoral students at HIIG. The first two doctoral theses were published in 2016, and six further candidates submitted their works.

All doctoral students are given the opportunity to organise workshops concerning their own topics of interest and to attract (international) researchers to HIIG. In 2016, doctoral students took the opportunity to organise workshops right before or during the AoIR conference (e.g. Legal Hackathon by Max von Grafenstein), invited guest researchers and organised HIIG Club presentations together or tried other formats like a movie screening with discussion on copyright law (Remake, Remix, Rip-Off).

The strong integration of HIIG's doctoral students within the scientific community and the success of their networking activities should also be highlighted: the past year was characterised by several invitations to national and international academic events, paper presentations and publications. Many of HIIG's doctoral students took advantage of the opportunities to actively participate in international conferences (see examples below), used the travel fund for research stays abroad, and participated in training sessions and workshops at Berlin's universities or graduate centres. As many thesis are coming to an end, in 2016 the soft-skills training for doctoral candidates focused on presentation skills. Within the scientific community, the poster as a medium for academic presentations is widely recognised. During a two-day in-house workshop, doctoral candidates had the chance to develop and design their topics on posters, which were presented during the Long Night of the Sciences. Another goal of HIIG's work is to make research results accessible to a non-academic audience, too. Therefore, in-house training for presentations in the format of a science slam were organised, allowing researchers to refine their skills in explaining their topics in short, entertaining presentations. Since then, doctoral candidates have participated in many science slam events (Berlin to Israel).

TRANSFER OF RESEARCH THROUGH EVENTS, PLATFORMS, AND COMMUNICATION

Throughout the last years, HIIG has established itself as a source of information and knowledge for political actors, civil society and the economy. The research at HIIG is seen as an integral element in allowing stakeholders and the public to participate in a constructive dialogue on relevant social, economic and political issues.

EVENTS, WORKSHOPS, CONFERENCES

In 2016, HIIG team members invested considerable energy in running a lecture series on big data at the beginning of the year, preparing HIIG to participate in Berlin's Long Night of the Sciences for the first time, and organising the annual – and so far largest – Association of Internet Research conference AoIR 2016 in October. Those three projects were complemented by a variety of interesting events and workshops throughout the year. Among those, HIIG finally brought its monthly discussion panel Digitaler Salon in collaboration with DRadioWissen back to the institute's premises in March 2016 and managed to further increase the popularity of the event series, with up to 120 attendees in August on hate speech. HIIG also managed to secure new partners: mabb (Mediananstalt Berlin-Brandenburg) supported the May, August and October edition of the event format. The constitutionalism research team conducted a number of workshops around privacy, surveillance and data protection, including national and international participants from politics, administration and academia. Additionally, HIIG publicly screened two films *Democracy – Im Rausch der Daten* about the new EU Data Protection Law along with a lecture by Jan Philipp Albrecht, and *Remake, Remix, Rip Off* in presence of director Cem Kaya.

Big Data: Big Power Shifts?

Big data has been a major issue in internet-related public debates for several years now and it is still unclear what impact big data will have on societies, politics and markets. Viktor Mayer-Schönberger and Kenneth Cukier claim that big data is a “revolution that will transform how we live, work, and think”. But whereas revolutions imply a profound shift in power relations, there is little evidence on and debate about whether and how big data affects power relations. A lecture series explored this topic with speakers from different backgrounds and was backed by a special issue of the *Internet Policy Review*. The topics of four individual events were chosen in order to address fields and issues where big data is making an important impact: media and social sciences, health, public sector and here, more specifically, education. The lectures took place from November 2015 to June 2016. The series was conducted in cooperation with the Vodafone Institute for Society and Communication.

- MAKING SENSE OF BIG DATA
Thursday 5 November 2015 | 19:00 | British Embassy Berlin
- BIG DATA FOR HEALTH. WHO BENEFITS?
Wednesday 10 February 2016 | 19:00 | Hörsaalruine, Charité
- BIG DATA FOR PRESIDENT!
Monday 14 March 2016 | Estonian Embassy in Berlin
- FROM ALMA MATER TO ALGO MATER
Wednesday 22 June 2016 | 19:00 | Leibniz-Saal der Berlin-Brandenburgischen Akademie der Wissenschaften

The number of registrations spanned 100 to 400 people depending on the capacities of the venue. Live streaming and short video clips increased the outreach of the lecture series. There were several

journalistic articles about the lectures, and four academic papers were published within an *Internet Policy Review* special issue in late April 2016. The special issue covered four fields of application of big data: commercial marketing, education, agriculture and border control.

Long Night of the Sciences

On 11 June 2016, HIIG opened its doors for the first time during the Long Night of the Sciences of Berlin and Potsdam. On the so-called smartest night of the year, more than 70 scientific institutions, laboratories and libraries that are usually closed to the public open their doors for visitors. In an extensive program full of exciting lectures, hands-on experiments and information booths, HIIG's research activities were introduced to a diverse audience including families, students and elderly citizens. Throughout the evening, a programme of short lectures introduced the institute's research agenda, ranging from innovative solutions to the climate change to juridical challenges in a remix culture. In addition to that, visitors could participate in quiz shows, watch the 3D printer do its magic or discover the original versions of popular video games. With more than 600 visitors throughout the night, HIIG further established itself within the Berlin academic landscape and among an extended audience. At the end, it was not only the visitors who gained insights into the world of internet research – the institute's researchers also got inspiration and useful feedback from their dialogue with the public.

Annual conference of the Association of Internet Researchers 2016

In 2016, the annual conference of the Association of Internet Research took place from 5 to 8 October at the premises of Humboldt-Universität zu Berlin and was hosted by the Alexander von Humboldt Institute for Internet and Society and the Hans-Bredow-Institut for Media Research, Hamburg. AoIR 2016 emphasised the relevance of the internet in today's culture and politics. The conference theme *Internet rules!* addressed the significance of the codes and rules that frame the internet, as well as their playful circumvention, from technical protocols and popular platforms to the emerging, established and contested conventions of online communities.

With about 580 participants, the conference was not only a huge project for the local hosts but also the biggest AoIR in history. The programme, including eight pre-conference workshops and 195 presentations and panels, was completed by an opening keynote on the first day as well as a public panel discussion on the second evening. The conference as a whole and in particular the public panel discussion prompted extensive press coverage in German high-impact newspapers and broadcast services as well as in the international press.

INTERNET POLICY REVIEW

The *Internet Policy Review* (ISSN 2197-6775) is an open access journal on internet regulation published by the Humboldt Institute for Internet and Society, in cooperation with CREATE in

Glasgow and the CNRS Institute of Communication Science (ISCC) in Paris. The journal's focus is on copyright, cybersecurity, and privacy, internet governance, and infrastructure in the European context. The peer-reviewed journal is listed with the Directory of Open Access Journals (DOAJ) and can be followed on Twitter and LinkedIn.

In 2016, the journal published 33 new research papers for a total of 83 research articles and 115 open editorials. The three most read papers remain *Internet censorship in Turkey* (Akgül and Kırıldoğ, 2015), *Can human rights law bend mass surveillance?* (Joergensen, 2014), and *Necessary and inherent limits to internet surveillance* (Wright, 2013). The most cited paper is *Bitcoin: a regulatory nightmare to a libertarian dream* (De Filippi, 2014).

The journal has published three special issues in 2016:

- Big data: big power shifts? | Lena Ulbricht and Maximilian von Grafenstein (Eds.), with the support of the Vodafone Institute for Society and Communications
- Regulating the sharing economy | Kristofer Erickson and Inge Sørensen (Eds.)
- Doing internet governance: practices, controversies, infrastructures, and institutions | Dmitry Epstein, Christian Katzenbach, and Francesca Musiani (Eds.)

The journal was awarded OpenAIRE funding for APC-free open access journals and platforms in August and it organised an open access journal business model workshop at its headquarters in September. The *Internet Policy Review* released a reader on internet governance at the annual conference of the Association of Internet Researchers in Berlin (AoIR, October).

COMMUNICATION

In 2016, HIIG received a large number of press requests relating to all disciplines. Increasingly researchers are being asked to give interviews and statements, and to assess or evaluate recent developments, judgements or political decisions in the field of internet and society.

2016's press coverage on HIIG topics increased during the AoIR and the 5-year celebration. Many Berlin based newspapers as well as national newspapers, radio broadcasts covered these topics. Another very important project in terms of public outreach was the project Networks of Outrage, which was discussed in large scale press articles multiple times. If you want to keep track of the high media coverage and to publicise our availability for press requests, you can refer to the HIIG in the Media section on the HIIG website.

In order to increase the institute's public outreach and to empower researchers to communicate their findings and knowledge in 2016 we focused on training in presentation skills. The effects of these training sessions were evident during the Long Night of Sciences of Berlin, where the

academic output of the institute was presented within science slams that were recorded and are still available via the institute's YouTube channel.

Additionally, HIIG is using various academic and non-academic information platforms and communication tools, including:

- The HIIG website and blogs by our doctoral candidates and researchers: While the website is used to provide information regarding the institute and to announce current events (daily average of visits: 3 608), the doctoral candidates and researchers regularly provide information on their academic work on the institute's blog (blog.hiig.de), helping to shape it as a tool for putting scientific results up for discussion at an early stage (approx. 80 blog posts in 2016). A function to structure topics of the blog thematically in curated dossiers was also launched in 2016, which helps to draw the focus to older blog posts as soon as a topic emerges again in the public.
- Social media activities: Regular updates via social networks, alongside other forms of communication. Results (as of 1 December 2016):
 - Facebook: 2 844 likes (2015: 2 210)
 - Twitter: 5 330 tweets, 3 453 followers (2015: 2 815)
 - Youtube: 103 clips
 - Newsletter HIIG Quarterly (worldwide): 2 601 (2015: 2 276) subscribers, several subscriptions for HIIG events, CFP, positions
- OpeningScience.org: An online platform for the purpose of collecting information and research results concerning open science and discussing them. The aim is to implement various projects based on the open science principle
- Startup Clinics Knowledge Base: A video platform where experts and founders share their know-how in short Q&A videos based on questions frequently asked during the Startup Clinic sessions (125 videos, as of December 2016).

RESEARCH REPORT APPENDIX

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 M.171

Promoting up-and-coming researchers M.177

A German node of an international network in the research area of the internet and society M.179

Interaction with politics, the civil society, and the economy regarding questions on internet and society. M.180

Securing and developing the institute's work M.185

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
01.04.2016	Internet of Things Submitted at: Cisco (confirmed)	–	Thomas Schildhauer, Ingolf Pernice, Osvaldo Saldias, Robin Tech
03.04.2016	3 special broadcasts Digitaler Salon Submitted at: Medienanstalt Berlin- Brandenburg (mabb) (confirmed)	Medienanstalt Berlin-Brandenburg (mabb)	Wolfgang Schulz, Karina Preiß, Larissa Wunderlich
03.04.2016	Dynamik internetspezifischer Innovation an deutschen Hochschulen Submitted at: Commerzbank-Stiftung, Hertie School of Governance (submitted)	–	Wolfgang Schulz, Benedikt Fecher
12.04.2016	IP rights issues in the context of collaboration between corporates and startups Submitted at: Visa Collab Europe (confirmed)	–	Thomas Schildhauer, Martin Wrobel
18.04.2016	Universitas 2020+ Submitted at: BMBF (declined)	–	Wolfgang Schulz, Benedikt Fecher
02.05.2016	Integration von Sicherheit in urbanen Räumen (IN_SITU) Submitted at: BMBF (declined)	–	Jeanette Hofmann, Ingolf Pernice, Paul Gebelein
31.05.2016	ASSESSORS Submitted at: EU (declined)	–	Thomas Schildhauer, Wolfgang Schulz, Max von Grafenstein, Felix Krupar, Christian Katzenbach
01.06.2016	RIPE NCC Fellowship Submitted at: RIPE NCC (confirmed)	none	Jeanette Hofmann, Uta Meier-Hahn
01.06.2016	OPEN AIRE Submitted at: OPEN AIRE (EU FP7 post-grant OA publishing funds) (confirmed)	–	Jeanette Hofmann, Frédéric Dubois
08.06.2016	InnOAcceSS – Innovatives Open Access im Bereich Small Science. Infrastrukturkonsolidierung und Pilotierung von alternativen Finanzierungselementen am Beispiel des Internet Policy Review Submitted at: DFG (submitted)	Klaus Tochtermann (ZBW, Kiel)	Jeanette Hofmann, Paul Gebelein, Frederic Dubois
17.06.2016	Benchmarking Startup Ökosystem Submitted at: Berlin Partner, Next Media Accelerator, nextMedia.Hamburg, Zeitverlag (confirmed)	Berlin Partner, Next Media Accelerator, nextMedia.Hamburg, Zeitverlag	Thomas Schildhauer, Marcel Hebing
08.07.2016	Gentner Symposium 2018: Social, Economic and Legal Conditions of Creativity and Innovation Submitted at: Minerva Stiftung (declined)	Daphne Raban, University of Haifa, Israel	Christian Katzenbach, Jeanette Hofmann
05.10.2016	Symposium: Deliberative Innovation and innovative Deliberation – Shaping the Next Level of Online Participation Submitted at: Volkswagen Stiftung (submitted)	Thomas Wagenknecht (FZI Forschungszentrum Informatik Außenstelle Berlin)	Hendrik Send, Kirsten Gollatz

SUBMITTED	TITLE/SUBMITTED AT	PARTNER	APPLICANTS
31.10.2016	Leapfrogging into the world of IoT – Increasing electricity availability in the rural developing world through IoT Submitted at: Google (submitted)	–	Thomas Schildhauer, Robin Tech
31.10.2016	Blockchain based research data handling as a potential technical solution to sciences reproducibility crisis Submitted at: Google (submitted)	–	Thomas Schildhauer, Sönke Bartling, Sascha Friesike
01.11.2016	Mental models as way for mobile advertising Submitted at: Google (submitted)	–	Thomas Schildhauer, Martina Dopfer
18.11.2016	Konkurrent und Komplementär – Das Verhältnis betrieblicher Mitbestimmung und neuer Partizipationsplattformen Submitted at: Hans-Böckler-Stiftung (submitted)	Prof. Dr. Christof Weinhardt (FZI Forschungszentrum Informatik Außenstelle Berlin), Thomas Wagenknecht (FZI Forschungszentrum Informatik Außenstelle Berlin)	Hendrik Send, Kirsten Gollatz

2. 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. 142 – 149.

3. Academic lectures and panels

Selected competitive/peer reviewed conference presentations

EVENT ACTIVITY	EVENT	RESEARCHER
Lecture/Talk: Theorien der Kommunikationswissenschaft zwischen Komplexitätssteigerung und Komplexitätsreduzierung	DGPuK Jahrestagung 2016. Organised by Deutsche Gesellschaft für Publizistik- und Kommunikationswissenschaft. Leipzig, Deutschland: 01.04.2016	Christian Pentzold, Christian Katzenbach
Lecture/Talk: Ubiquitous computing and increasing engagement of private companies in governmental surveillance	7th Biennial Surveillance and Society Conference: Power, performance and trust. Organised by Surveillance Studies Network (SSN). Barcelona, Spain: 22.04.2016	Adrian Haase
Lecture/Talk: Information laundering and counter-publics: The news sources of islamophobic groups on Twitter	Social Media in the Newsroom workshop at the 10th International AAAI Conference on Web and Social Media (ICWSM16) (Session: Social Media in the Newsroom). Leibniz, Germany: 17.05.2016	Cornelius Puschmann, Julian Ausserhofer, Noura Maan, Markus Hametner

EVENT ACTIVITY	EVENT	RESEARCHER
Session lead/Workshop moderation: Algorithms, Automation and Politics	Conference: Conference of the International Communication Association (ICA). Organised by International Communication Association (ICA). Fukuoka, Japan: 08.06.2016	Cornelius Puschmann
Session lead/Workshop moderation: Communication Research Methods 2016: Practices and Challenges	Conference: Conference of the International Communication Association (ICA). Organised by International Communication Association (ICA). Fukuoka, Japan: 09.06.2016	Cornelius Puschmann
Lecture/Talk: What are the topics of populist anti-immigrant movements on Facebook?	Social Media & Society Conference. London, UK: 13.07.2016	Cornelius Puschmann, Julian Ausserhofer, Noura Maan, Markus Hametner
Panel: Internet as an Emerging Policy Domain	Conference: 24th World Congress of Political Science. Organised by International Political Science Association (IPSA). Poznań, Poland: 25.07.2016	Jeanette Hofmann
Panel: Stakeholders, Powers and Inequalities in Global Internet Governance	Conference: 24th World Congress of Political Science. Organised by International Political Science Association (IPSA). Poznań, Poland: 25.07.2016	Jeanette Hofmann
Panel: Social Studies of Politics: Making Collectives By All Possible Means	Conference: 4S/EASST Conference BCN-2016. Organised by European association for the study of science and technology, Society for Social Studies of Science (4S). Barcelona, Spain: 01.09.2016	Jeanette Hofmann, Julia Pohle
Lecture/Talk: Regulating IT-Security	Journée d'étude – Cyberespionnage et surveillance numérique. Paris, France: 23.09.2016	Christian Djeflal
Lecture/Talk: Algorithmen, Daten und schwarze Kisten: Zur (Wieder-)Entdeckung der Technik in der Kommunikationswissenschaft	Digitale Kommunikation. Zum Stand der Forschung. Organised by Fachgruppe Digitale Kommunikation der DGPK. Braunschweig, Germany: 03.11.2016	Christian Katzenbach
Lecture/Talk: Empörungsoffentlichkeiten im Netz: Zur Beziehung von Themen, Akteuren und Quellen auf der Pegida-Facebookpage	Jahrestagung der DGPK Fachgruppe Digitale Kommunikation 2016. Braunschweig, Germany: 04.11.2016	Cornelius Puschmann, Julian Ausserhofer
Lecture/Talk: Regulations, Norms, Discourses and Technology: An Integrated Governance Perspective for Media and Communication Studies	ECREA 2016 – 6th European Communication Congress. Prague, Czech Republic: 09.11.2016	Christian Katzenbach

Selected invitations to academic lectures and panels

EVENT ACTIVITY	EVENT	RESEARCHER
International scope		
Panel: Rebooting Democracy	Conference: ESPAS 2016 Annual Conference. Organised by European Strategy and Policy Analysis System. Brussels, Belgium: 17.11.2016	Jeanette Hofmann
Lecture/Talk: Playing without rules? An empirical study into imitation and innovation in the games industry	Monthly Internal Lecture Series 'Spreektafel'. Organised by Institute for Information Law (IVIR). Amsterdam, The Netherlands: 22.01.2016	Lies van Roessel

EVENT ACTIVITY	EVENT	RESEARCHER
Lecture/Talk: The Origins of the ICF: A Tale of Contingencies and Competing Claims to Power	Barcelona Workshop on Global Governance 2016: Adaptation and Change in Global Governance (Session: The Creation of Global Institutions). Organised by ESADEgeo: Center for Global Economy and Geopolitics; Institut Barcelona d'Estudis Internacionals (IBEI). Barcelona, Spain: 05.02.2016	Jeanette Hofmann
Lecture/Talk: Towards a new approach for the regulation of audiovisual media	EuroCPR 2016 – Content Creation and Distribution in the Digital Single Market (Session: Getting media regulation right). Organised by The Centre for European Policy Studies (CEPS). Brussels, Belgium: 15.03.2016	Wolfgang Schulz
Lecture/Talk: Memes im Urheberrecht – Eine Bestandsaufnahme mit Blick auf deutsche und amerikanische Schranken	“One does not simply...” – Memes zwischen #Originalität und #Viralität, Interdisziplinärer Workshop (Session: Memes und Recht). Organised by Graduiertenkolleg Innovationsgesellschaft heute of TU Berlin in cooperation with Gesellschaft für Musikwirtschafts- und Musikkulturforforschung (GMM), and HMKW Berlin. Berlin, Germany: 16.03.2016	Rike Maier
Lecture/Talk: Open innovation from an organisational perspective	Seminar with Digital Enablement Research Group (DERG). Organised by UNSW Business School. Sydney, Australia: 21.03.2016	Thomas Schildhauer
Lecture/Talk: Perspectives on Academic Data Sharing	ICONECSS (Session: Science 2.0 and Open Science Practices). Organised by ZBW – Leibniz Information Centre for Economics. Berlin, Germany: 20.04.2016	Benedikt Fecher
Lecture/Talk: Rage Against the Elites? Polarisation and Counter-publics in Online Discourse on Immigration and Climate Change	Fourth Conference on Games, Interaction, Reasoning, Learning and Semantics. Lund, Sweden: 28.04.2016	Cornelius Puschmann
Lecture/Talk: Finding Answers to the Intertemporal Question. Static and Evolutive Treaty Interpretation: A Functional Reconstruction	Public Lecture: Finding Answers to the Intertemporal Question. Paris, France: 03.05.2016	Christian Djeflal
Lecture/Talk: Consensus, Stasis, Evolution: Reconstructing Argumentative Patterns in the Context of Static and Evolutive Interpretations	Conference: Building consensus on European consensus. Florence, Italy: 01.06.2016	Christian Djeflal
Session lead/Workshop moderation: Qualitative Analysis	Conference: Strategic Management Conference. Organised by Strategic Management Conference. Rome, Italy: 06.06.2016	Nancy Richter
Lecture/Talk: The Interplay between Data Protection Principles and Data-Driven Innovation	EuroDIG 2016. Brussels, Belgium: 09.06.2016	Max von Grafenstein
Session lead/Workshop moderation: Communicating Nature, Sustainability, and Environmental Issues Using Online Media Channels	Conference: Conference of the International Communication Association (ICA). Organised by International Communication Association (ICA). Fukuoka, Japan: 11.06.2016	Cornelius Puschmann
Lecture/Talk: User innovation in communities: A systematic literature review	16th International Schumpeter Society Conference: (Session: The Digital Economy). Organised by International Schumpeter Society. Montréal, Canada: 08.07.2016	Matti Große
Lecture/Talk: Doing Governance in Figurations: Proposal of an analytical framework	EASST/4S2016. Organised by European Association for the Study of Science and Technology (EASST) and Society for Social Studies of Science (4S). Barcelona, Spain: 02.09.2016	Wolfgang Schulz, Markus Oermann
Lecture/Talk: Data Management in den Wirtschaftswissenschaften	VfS-Jahrestagung 2016: Demographischer Wandel. Organised by Verein für Socialpolitik. Augsburg, Germany: 04.09.2016	Benedikt Fecher
Panel: Doing STS-informed Internet Governance Research	Workshop: The Internet Rules, But How? A Science and Technical Studies Take on Doing Internet Governance (Pre-Conference Workshop, AoIR 2016). Organised by AoIR, Humboldt Institut für Internet und Gesellschaft, Hans-Bredow-Institut. Berlin, Germany: 05.10.2016	Kirsten Gollatz, Christian Katzenbach, Jeanette Hofmann

EVENT ACTIVITY	EVENT	RESEARCHER
Session lead/Workshop moderation: Big Nudging: a dream of social cybernetics come true?	Conference: AoIR 2016 – Annual Conference of the Association of Internet Researchers. Berlin, Germany: 07.10.2016	Jeanette Hofmann
Lecture/Talk: The Relationships between Data and a Person – Broken Concepts and Perspectives	Symposium on Big Data and Data Governance (Session: Data Ownership, Data Access and Power Structure). Organised by The Law and Technology Centre (HKU). Hong Kong, China: 14.10.2016	Wolfgang Schulz
Lecture/Talk: Thinking about democracy in the digital age	Web Science Institute Distinguished Lecture. Organised by Web Science Institute. Southampton, United Kingdom: 14.10.2016	Jeanette Hofmann
Lecture/Talk: Freedom of Expression for Computers – Algorithms from a Constitutional Perspective	Symposium on Big Data and Data Governance (Session: Algorithmic Decision Making). Organised by The Law and Technology Centre (HKU). Hong Kong, China: 15.10.2016	Felix Krupar
Lecture/Talk: Internet and Democracy – An STS Perspective	International Symposium on Internet Governance. Organised by Internet & Communication Policy Centre. Salerno, Italy: 10.11.2016	Jeanette Hofmann
Session lead/Workshop moderation: Digitale Disruption und digitale Geschäftsmodelle	Conference: BMI Workshop. Organised by Universität St. Gallen. St. Gallen, Switzerland: 29.11.2016	Jessica Schmeiss
Lecture/Talk: The founding of the IGF – a field theoretical perspective	GigaNet 11th Annual Symposium (Session: Actors and Policies in Internet Governance). Organised by Global Internet Governance Academic Network (GigaNet). Guadalajara, Mexico: 05.12.2016	Jeanette Hofmann
Panel: Encryption and Safety of Journalists in the Digital Age	Conference: IGF 2016 – Internet Governance Forum. Guadalajara, Mexico: 07.12.2016	Wolfgang Schulz
Lecture/Talk: Dimensions of Privacy	The Asian Privacy Scholars Network 5th International Conference (Session: Panel 4: Technology and Surveillance). Organised by The Department of Commercial Law. Auckland, New Zealand: 13.12.2016	Wolfgang Schulz
National scope		
Lecture/Talk: Sozialer Raum und Technik	Masterseminar: Stadt- und Raumsoziologie. Organised by Prof. Martina Löw. Berlin, Germany: 06.01.2016	Paul Gebelein
Lecture/Talk: Digitale Dilemmata	Digitale Dilemmata (Session: Leopoldina-Lecture: Der vernetzte Bürger). Organised by Nationale Akademie der Wissenschaften Leopoldina. Hannover, Germany: 10.02.2016	Jeanette Hofmann
Lecture/Talk: Die Einwilligung im Datenschutz als Governance-Frage	Ringkolloquium: Digitale Herausforderungen. Organised by Humboldt-Universität zu Berlin, Technische Universität Berlin, Freie Universität Berlin. Berlin, Deutschland: 19.05.2016	Jeanette Hofmann
Lecture/Talk: Aktive Staatskommunikation in der Informationsgesellschaft – Strukturen und Grenzen	18. Deutscher Verwaltungsgerichtstag (Session: Informationsverwaltungsrecht in der Informationsgesellschaft). Organised by Verwaltungsgerichtstag. Hamburg, Germany: 02.06.2016	Wolfgang Schulz
Panel: Zukünftige Herausforderungen für die Unternehmenskommunikation durch die digitale Vernetzung	Workshop: Digitale vernetzte Unternehmenskommunikation – wie Unternehmen zukünftig kommunizieren. Organised by Akademische Gesellschaft für Unternehmensführung & Kommunikation. Berlin, Germany: 23.06.2016	Thomas Schildhauer
Session lead/Workshop moderation: Bedingungen für die Ausübung von Meinungsfreiheit im Internet	Conference: Gefährdet Big Data unsere Demokratie? Organised by Vereinigung Deutscher Wissenschaftler VDW e.V., Ev. Akademie Villigst. Schwerte, Germany: 15.10.2016	Kirsten Gollatz
Session lead/Workshop moderation: Bedingungen für die Ausübung von Meinungsfreiheit im Internet	Conference: Gefährdet Big Data unsere Demokratie? Organised by Vereinigung Deutscher Wissenschaftler VDW e.V., Ev. Akademie Villigst. Schwerte, Germany: 15.10.2016	Kirsten Gollatz

Selected organisation of academic lectures and panels

EVENT	LOCATION/DATE	RESEARCHER
International scope		
Workshop: Global Constitutionalism	University of Talca, Santiago, Chile 19.01.2016	Oswaldo Saldías, Ingolf Pernice
Workshop: The Role of Regulatory Authorities in the Governance of Data Protection	Humboldt Institut für Internet und Gesellschaft, Berlin, Germany 20.05.2016	Marie-Christine Dähn, Jörg Pohle, Ingolf Pernice
Workshop: Pre-Conference Workshop (AoIR 2016): The Internet Rules, But How? A Science and Technical Studies Take on Doing Internet Governance	Humboldt Universität zu Berlin, Berlin, Germany 05.10.2016	Christian Katzenbach
Workshop: Pre-Conference Workshop (AoIR 2016): Legal Hackathon	Humboldt Universität zu Berlin, Berlin, Germany 05.10.2016	Max von Grafenstein, Jörg Pohle
Conference: AoIR 2016 – Annual Conference of the Association of Internet Researchers	Humboldt Universität zu Berlin, Berlin, Germany 05.10.2016 – 08.10.2016	Christian Katzenbach, Cornelius Puschmann, Larissa Wunderlich
Workshop: The mindful firm	Copenhagen Business School, Copenhagen, Denmark 25.11.2016	Martina Dopfer
National scope		
Workshop: II. Interdisziplinärer Workshop: Privacy, Datenschutz & Surveillance	Humboldt Institut für Internet und Gesellschaft, Berlin, Germany 30.06.2016	Jörg Pohle
Workshop: IoT and eGovernment	Humboldt Institut für Internet und Gesellschaft, Berlin, Germany 04.08.2016	Christian Djeflal, Julian Hölzel, Robin P. G. Tech, Ingolf Pernice, Wolfgang Schulz, Rüdiger Schwarz
Seminar/Teaching series: Democracy reloaded: Demokratieverständnisse in der digitalen Gesellschaft	Institut für Publizistik- und Kommunikationswissenschaft, Freie Universität Berlin, Berlin, Germany 19.10.2016 – 15.02.2017	Jeanette Hofmann
Workshop: Vom eGovernment zu Smart Government?	Humboldt Institut für Internet und Gesellschaft, Berlin, Germany 01.12.2016 – 02.12.2016	Christian Djeflal, Julian Hölzel, Ingolf Pernice
Workshop: III. Interdisziplinärer Workshop Privacy, Datenschutz & Surveillance	Humboldt Institut für Internet und Gesellschaft, Berlin, Germany 09.12.2016	Marie-Christine Dähn, Jörg Pohle

PROMOTING UP-AND-COMING RESEARCHERS

1. Selected contributions to conferences

EVENT ACTIVITY	EVENT	RESEARCHER
Lecture/Talk: Perspectives on Academic Data Sharing	ICONECSS (Session: Science 2.0 and Open Science Practices). Organised by ZBW – Leibniz Information Centre for Economics, Berlin, Germany: 20.04.2016	Benedikt Fecher
Lecture/Talk: Ubiquitous computing and increasing engagement of private companies in governmental surveillance	7th Biennial Surveillance and Society Conference: Power, performance and trust. Organised by Surveillance Studies Network (SSN). Barcelona, Spain: 22.04.2016	Adrian Haase
Lecture/Talk: The Interplay between Data Protection Principles and Data-Driven Innovation	EuroDIG 2016. Brussels, Belgium: 09.06.2016	Max von Grafenstein
Lecture/Talk: Data Management in den Wirtschaftswissenschaften	VfS-Jahrestagung 2016: Demographischer Wandel. Organised by Verein für Socialpolitik. Augsburg, Germany: 04.09.2016	Benedikt Fecher
Lecture/Talk: How business model innovation becomes a cognitive startup capability	Strategic Management Conference. Organised by Strategic Management Society, Berlin, Germany: 20.09.2016	Martina Dopfer
Session lead/Workshop moderation: Digitale Disruption und digitale Geschäftsmodelle	Conference: BMI Workshop. Organised by Universität St. Gallen. St. Gallen, Switzerland: 29.11.2016	Jessica Schmeiss

2. Academic visibility and impact

PUBLICATION	RESEARCHER
Fecher, B. (2016). "Mehr Licht" Offenheit muss sich lohnen. <i>Laborjournal Online</i> .	Benedikt Fecher
Fecher, B. & Wagner, G. (2016). Open Access, Innovation, and Research Infrastructure. <i>Publications</i> , 4(2).	Benedikt Fecher
Fecher, B. & Wagner, G. (2016). A research symbiont. <i>Science</i> , 351 (6280), 1405 – 1406.	Benedikt Fecher
Fecher, B. & Wagner, G. (2016). Flipping Journals to Open: Rethinking Publishing Infrastructure. <i>DIW Berlin Diskussionspapier</i> , 1533.	Benedikt Fecher
Fecher, B., Fräsdorf, M., & Wagner, G. (2016). Perceptions and Practices of Replication by Social and Behavioral Scientists: Making Replications a Mandatory Element of Curricula Would Be Useful. <i>DIW Berlin Diskussionspapier</i> , 1572.	Benedikt Fecher
Friesike, S. & Fecher, B. (2016). Collaboration, participation and transparency: the promise of digitizing academic research. In Olleros, F. X. & Zhegu, M. (Eds.), <i>Research Handbook on Digital Transformations</i> (pp. 121 – 34). Cheltenham: Edward Elgar Publishing Limited.	Benedikt Fecher
Friesike, S. & Fecher, B. (2016). Crowd Science: Forschung im digitalen Zeitalter. In Gassmann, O. & Sutter, P. (Eds.), <i>Digitale Transformation im Unternehmen gestalten: Geschäftsmodelle Erfolgsfaktoren Fallstudien Handlungsanweisungen</i> (pp. 135 – 46). München: Carl Hanser Verlag.	Benedikt Fecher
Grafenstein, M. v. & Schulz, W. (2016). The right to be forgotten in data protection law: a search for the concept of protection. <i>International Journal of Public Law and Policy</i> , 5(3).	Maximilian von Grafenstein
Leisterer, H. (2016). Das Informationsverwaltungsrecht als Beitrag zur Netz- und Informationssicherheit am Beispiel von IT-Sicherheitslücken. In Kugelman, D. (Ed.), <i>Sicherheit. Polizeiwissenschaft und Sicherheitsforschung im Kontext</i> (pp. 135 – 50). Baden-Baden: Nomos.	Hannfried Leisterer
Leuschner, S. (2016). EuGH und Vorratsdatenspeicherung: Erfindet Europa ein neues Unionsgrundrecht auf Sicherheit? In Schneider, F. & Wahl, T. (Eds.), <i>Herausforderungen für das Recht der zivilen Sicherheit in Europa</i> (pp. 17 – 6). Baden-Baden: Nomos.	Sebastian Leuschner
Maier, H. (2016). German Federal Court of Justice rules on parody and free use. <i>Journal of Intellectual Property Law and Practice</i> .	Henrike Maier
Maier, H. (2016). Meme und Urheberrecht. <i>GRUR-Prax</i> , 2016(19), 397 – 398.	Henrike Maier

PUBLICATION	RESEARCHER
Meier-Hahn, U. (2016). Exploring the Regulatory Conditions of Internet Interconnection – A Survey Among Internet Interconnection Professionals. <i>HIIG Discussion Paper Series</i> , 2016(03).	Uta Meier-Hahn
Peters, E. (2016). Strafrecht und Datenschutz im Internet. In Kugelman, D. (Ed.), <i>Migration, Datenübermittlung und Cybersicherheit. Grundfragen und ausgewählte Handlungsfelder der Zusammenarbeit von Sicherheits- und Strafverfolgungsbehörden in der EU</i> (pp. 167 et seq.). Baden-Baden: Nomos.	Emma Peters
Sauer, R., Dopfer, M., Schmeiss, J., & Gassmann, O. (2016). Geschäftsmodellinnovation: Gral der Digitalisierung. In Gassmann, O. & Sutter, P. (Eds.), <i>Führung der Digitalisierung</i> (pp. 15–28). München: Hanser.	Martina Dopfer, Jessica Schmeiss
Scheliga, K., Friesike, S., Puschmann, C., & Fecher, B. (2016). Setting up crowd science projects. <i>Public Understanding of Science</i> , 1–20.	Kaja Scheliga, Benedikt Fecher
Schulz, W. & Staben, J. (2016). Regulierungsradar: Recht und Internet. In Gassmann, O. & Sutter, P. (Eds.), <i>Digitale Transformation im Unternehmen gestalten</i> (pp. 147–154). Munich: Carl Hanser Verlag.	Julian Staben
Staben, J. (2016). <i>Der Abschreckungseffekt auf die Grundrechtsausübung – Strukturen eines verfassungsrechtlichen Arguments</i> . Tübingen: Mohr Siebeck.	Julian Staben
Tech, R., Ferdinand, J., & Dopfer, M. (2016). Open Source Hardware Startups and Their Communities. In Ferdinand, J., Petschow, U., & Dickel, S. (Eds.), <i>The Decentralized and Networked Future of Value Creation</i> . Berlin: Springer.	Robin Tech, Martina Dopfer
Ulbricht, L. & Grafenstein, M. v. (2016). Big data: big power shifts? <i>Internet Policy Review</i> , 5(1).	Maximilian von Grafenstein
Wrobel, M. (2016). <i>Ermittlung eines personenspezifischen Kompetenzprofils für Internet-enabled Startups in den Bereichen Marketing und Vertrieb</i> . Berlin: epubli.	Martin Wrobel
Züger, T., Milan, S., & Tanczer L. (2016). Sand in the Information Society Machine: How Digital Technologies Change and Challenge the Paradigms of Civil Disobedience. <i>Fibreculture Journal: internet theory criticism research</i> , 25.	Theresa Züger

3. Students who completed their doctoral thesis

DOCTORAL THESIS	RESEARCHER
Staben, J. (2016). <i>Der Abschreckungseffekt auf die Grundrechtsausübung – Strukturen eines verfassungsrechtlichen Arguments</i> . Tübingen: Mohr Siebeck.	Julian Staben
Wrobel, M. (2016). <i>Ermittlung eines personenspezifischen Kompetenzprofils für Internet-enabled Startups in den Bereichen Marketing und Vertrieb</i> . Berlin: epubli.	Martin Wrobel

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

1. Involvement in NoC events

Involvement in external NoC events

EVENT ACTIVITY	EVENT	RESEARCHER
Lecture/Talk: The Relationships between Data and a Person – Broken Concepts and Perspectives	Symposium on Big Data and Data Governance (Session: Data Ownership, Data Access and Power Structure). Organised by The Law and Technology Centre (HKU). Hong Kong, China: 14.10.2016	Wolfgang Schulz
Lecture/Talk: Code and the Power of Defaults	Symposium on Big Data and Data Governance (Session: Consent and Code). Organised by The Law and Technology Centre (HKU). Hong Kong, China: 14.10.2016	Kevin Dankert
Lecture/Talk: Governance of Algorithmic Public Spheres: Normative Structures of Automatically Curated Communication	Symposium on Big Data and Data Governance (Session: Data Ownership, Data Access and Power Structure). Organised by The Law and Technology Centre (HKU). Hong Kong, China: 15.10.2016	Markus Oermann
Lecture/Talk: Freedom of Expression for Computers – Algorithms from a Constitutional Perspective	Symposium on Big Data and Data Governance (Session: Algorithmic Decision Making). Organised by The Law and Technology Centre (HKU). Hong Kong, China: 15.10.2016	Felix Krupar

Organisation of NoC events

EVENT	LOCATION/DATE	RESEARCHER
Discussion/Meeting: Global Network of Internet and Society Research Centers Inaugural Executive Committee Meeting	Humboldt-Universität zu Berlin, Berlin, Germany 08.10.2016	Wolfgang Schulz, Felix Krupar

2. Organising an annual fellowship-programme for associated post graduates

FELLOW/DATE/PROJECT PARTNER	SHORT CV/HOME INSTITUTION
Timothy Libert 01.01.2016 – 31.12.2016 Paul Gebelein	Timothy Libert is a doctoral candidate at the Annenberg School for Communication at the University of Pennsylvania, where he also graduated with a Master of Arts in Communication. His research focuses on privacy-compromising information flows on the web, and he is the author of the open-source software platform webXray. University of Pennsylvania
Manon Oostveen 11.01.2016 – 08.04.2016 Jörg Pohle	Manon Oostveen is a PhD candidate at the Institute for Information Law, University of Amsterdam, where she also graduated with a Research Master in Information Law. Furthermore she holds an LL.M. in Information Technology and Intellectual Property Law from Leibniz Universität Hannover. Her research is on the protection of the private life of individuals in the context of big data, focusing on fundamental rights protection and European data protection regulation. University of Amsterdam
Stefan Baack 01.02.2016 – 31.10.2016 Osvaldo Saldías	Stefan Baack is a PhD student at the University of Groningen in the Netherlands. He studied Media Culture at the University of Bremen and wrote his master thesis about the German open data movement. His research is about the interconnections between hackers and data journalists and the related effects of datafication, the ongoing and increasingly ubiquitous quantification and categorization of culture and society. University of Groningen
Sabina García Peter 15.02.2016 – 01.04.2016 Benedikt Fecher	Sabina García Peter is a post-doctoral researcher at the Institute for Latin-American Studies at Freie Universität Berlin, where she also finished her PhD in Sociology. She is currently involved in a research project with the title: <i>E-research in Latin America – A way to overcome asymmetries of knowledge?</i> Freie Universität Berlin

INTERACTION WITH POLITICS, THE CIVIL SOCIETY, AND THE ECONOMY REGARDING QUESTIONS ON INTERNET AND SOCIETY

1. Selected coverage of the HIIG's work and its researchers in high impact media and online sources

TITLE	MEDIUM/DATE	SUBJECT
Interview: Facebooks Initiative 'Free Basics': Unter welchen Bedingungen sollen Offliner ins Netz kommen?	Breitband, DRadio Kultur (Radio) 16.01.2016	Jeanette Hofmann
Quote: Die subversive Kunst der 'Barbara'	NDR Kulturjournal (TV) 25.01.2016	Cornelius Puschmann
Quote: Phänomen der Katzen-Videos: Der Miau-Miau-Netz-Wahnsinn	Stuttgarter Nachrichten.de (Online) 03.02.2016	Urs Kind
Article: Zukunft des Journalismus: Journalisten werden eine neue Rolle haben	Zeit Online (Online) 05.02.2016	Ayad Al-Ani
Reference: Big Data für die Gesundheit. Fast jeder zweite Deutsche ist dafür	Weser Kurier (Print) 15.02.2016	Humboldt Institute for Internet and Society
Reference: Tracking durch Drittanbieter auf einer Million Webseiten	Netzpoltik (Online) 08.03.2016	Timothy Libert, Humboldt Institute for Internet and Society
Article: Zukunftsangst ist keine Lösung	Die Zeit (Print) 25.03.2016	Ayad Al-Ani
Interview: Internet-Carrier beklagen immer mehr Regulierung	Deutschlandfunk (Radio) 09.04.2016	Uta Meier-Hahn
Interview: Utopie oder Realität? Rückblick Digitaler Salon – re:publica ante portas	politik-digital.de (Online) 01.05.2016	Digitaler Salon
Quote: Facebook: Huch, da sitzen ja Menschen!	Zeit Online (Online) 10.05.2016	Cornelius Puschmann
Reference: Ohoven: Mittelstand wird digital – Start Kompetenzzentrum Mittelstand 4.0	finanzen.net (Online) 13.05.2016	Humboldt Institute for Internet and Society
Reference: Zuckerberg to Meet With Leading Conservatives on Facebook Bias Claims	eweek.com (Online) 16.05.2016	Internet Policy Review
Article: Wissenschaftsnacht: Wie Pegida und andere Rechtspopulisten kommunizieren	Berliner Zeitung (Print) 31.05.2016	Network of Outrage
Quote: Landkarten der Gesellschaft. Populistische Bewegungen wie Pegida kommunizieren über soziale Netzwerke. Forscher untersuchen und visualisieren, wer mit wem redet	Berliner Zeitung (Print) 01.06.2016	Julian Ausserhofer, Cornelius Puschmann
Article: Geistiges Eigentum in der Videospiele-Kultur: Diebstahl, Inspiration und das juristische Bauchgefühl	DRadio Kultur (Radio) 16.06.2016	Christian Katzenbach, Lies van Roessel
Quote: Twitter bots play murky role in US presidential election campaign	Deutsche Welle (Print) 22.06.2016	Cornelius Puschmann
Quote: Hacktivists keep refugees online in dead zone Germany	Newsweek (Online) 07.07.2016	Theresa Züger
Article: Das Gegenteil von Lügenpresse	Der Standard (Online) 10.07.2016	Networks of Outrage
Article: Governance: Warum wir tun, was wir tun	DRadio Wissen (Radio) 16.07.2016	Jeanette Hofmann, Wolfgang Schulz

TITLE	MEDIUM/DATE	SUBJECT
Interview: IT-Rechtsexperte Hannfried Leisterer: 'Cyber-Angriffe sind eine reale Gefahr'	DRadio Kultur (Radio) 27.07.2016	Hannfried Leisterer
Interview: Der Tag – Nachrichten und Hintergrund: Interview mit Katharina Beitz zum Darknet	Deutsche Welle (TV) 19.08.2016	Katharina Beitz
Interview: Debatte um Nutzer-Sperren: Facebook braucht eine Hotline	Spiegel Online (Online) 26.08.2016	Kirsten Gollatz
Article: Wie Blockchain die Wissenschaft verbessern könnte	iRights (Online) 06.09.2016	Benedikt Fecher, Sönke Bartling
Interview: Wissenschaftler im Interview: 'Das Internet ist kein Wilder Westen mehr'	Berliner Zeitung (Print) 07.10.2016	Cornelius Puschmann
Reference: Wer regiert das Netz?	Tagesspiegel (Print) 08.10.2016	Christian Katzenbach, Humboldt Institute for Internet and Society, AolR2016
Article: Die Wissenschaft des WWW. Seit fünf Jahren wird am HIIG das Netz erforscht	Tagesspiegel (Print) 08.10.2016	Humboldt Institute for Internet and Society
Reference: Machine logic: our lives are ruled by big tech's 'decisions by data'	The Guardian (Online) 08.10.2016	Humboldt Institute for Internet and Society, AolR2016
Quote: Wenn der Hass postet	Süddeutsche Zeitung (Print) 13.10.2016	Networks of Outrage, Humboldt Institute for Internet and Society, AolR2016
Interview: 'Zwangsläufig ist gar nichts' – 5 Jahre Internetforschung am Alexander von Humboldt Institut für Internet und Gesellschaft	pro media (Print) 01.11.2016	Jeanette Hofmann, HIIG
Article: Open Access oder: die Zurückeroberung der Autonomie	Merton (Online) 03.11.2016	Benedikt Fecher
Kontrolle über die eigenen Daten – Risikodialog zum Thema 'Datensouveränität'	Ö1/ORF (Radio) 23.11.2016	Ayad Al-Ani
Interview: Prominente entwerfen Charta digitaler Grundrechte	Spiegel Online (Online) 30.11.2016	Jeanette Hofmann
Interview: Ich wünsche mir eine nachdenkliche Debatte	DW Akademie (Online) 16.12.2016	Jeanette Hofmann

2. 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. R.164 – R.168.

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

EVENT ACTIVITY	EVENT	RESEARCHER
International scope		
Lecture/Talk: Die Einwilligung im Datenschutz als Governance-Frage	20. Berliner Kolloquium: Der Datenmensch. Über Freiheit und Selbstbestimmung in der digitalen Welt. Organised by Berliner Kolloquium. Berlin, Germany: 11.05.2016	Jeanette Hofmann
Participating expert	Hearing: Development Digital Charta. Brussels, Belgium: 01.01.2016	Jeanette Hofmann
Discussion/Meeting	Workshop: Workshop eGovernment and Privacy. Organised by Chilean Superintendency for Insolvency and Re-Entrepreneurship. Santiago, Chile: 21.01.2016	Ingolf Pernice, Osvaldo Saldias
Discussion/Meeting	Workshop: Semantic interoperability in eHealth and Public Sector Meeting: eGovernment and eHealth. Organised by Chilean Ministry of Health (ICT Division). Santiago, Chile: 22.01.2016	Osvaldo Saldias
Lecture/Talk: Governing in the 21st Century	V Congreso del Futuro 2016. Organised by Chilean Senat. Santiago, Chile: 23.01.2016	Ingolf Pernice
Lecture/Talk: IoT & Privacy	Startup Camp Berlin. Organised by Humboldt-Universität zu Berlin. Berlin, Germany: 08.04.2016	Maximilian von Grafenstein
Lecture/Talk: How to land your first customers	Startup Camp Berlin. Organised by Humboldt-Universität. Berlin, Germany: 08.04.2016	Martin Wrobel
Panel: Wider die Herrschaft der Algorithmen! Wie bekommen wir die Kontrolle zurück?	Conference: re:publica 2016. Berlin, Germany: 02.05.2016	Cornelius Puschmann
Lecture/Talk: Internet Governance: Constellations of trust and distrust	Youth Conference: Digital Commons. Organised by Heinrich-Böll-Stiftung, Green European Foundation. Belgrade, Serbia: 22.05.2016	Jeanette Hofmann
Lecture/Talk: Online financial crimes and fraud committed with electronic means of payment	Specific legal challenges related to credit card fraud. Organised by European Academy of Law (ERA). Madrid, Spain: 24.05.2016	Adrian Haase
Lecture/Talk: Introduction to the App Economy in Europe and to the Entrepreneurial Research Lab at HIIG	Startup Clinics Talk: The App Economy in Europe. Organised by Progressive Policy Institute and Alexander von Humboldt Institute for Internet and Society. Berlin, Germany: 09.06.2016	Martin Wrobel
Lecture/Talk: The Mindful Firm	Lange Nacht der Startups. Organised by Telekom, IHK. Berlin, Germany: 03.09.2016	Martina Dopfer
Lecture/Talk: The role of applied research in our dynamic startup world of today using the example of the Startup Clinics at the Alexander von Humboldt Institute for Internet and Society	The MENA Innovation Summit on Job Creation and Entrepreneurship. Organised by BMWi – Federal Ministry for Economic Affairs and Energy. Berlin, Germany: 24.10.2016	Martin Wrobel
Lecture/Talk: European constitutionalism and national constitutions	International Colloquium on the Occasion of the 40th Anniversary of the Portuguese Constitution. Organised by Portuguese Association of Constitutional Law. Lisbon, Portugal: 14.11.2016	Ingolf Pernice
Roundtable: The Network of Networked Things: Finding the Internet in IoT	IGF 2016 – Internet Governance Forum. Organised by United Nations – Department of Economic and Social Affairs. Guadalajara, Mexico: 06.12.2016	Uta Meier-Hahn
Lecture/Talk: Report on the work of the Sub-Committee on Intermediary Governance of the Council of Europe	IGF 2016 – Internet Governance Forum. Organised by United Nations – Department of Economic and Social Affairs. Guadalajara, Mexico: 09.12.2016	Wolfgang Schulz

EVENT ACTIVITY	EVENT	RESEARCHER
Lecture/Talk: What We Can Learn about Creativity from 3D Printing	33C3: works for me. Organised by Chaos Computer Club e.V. Berlin, Germany: 30.12.2016	Sascha Friesike
National scope		
Lecture/Talk: Informationen, Macht und das 'right to be forgotten'	Werkstattgespräch: Informationen, Macht und das 'right to be forgotten'. Organised by Staatsbibliothek zu Berlin. Berlin, Germany: 31.05.2016	Jörg Pohle
Panel: Privacy & Data Protection in Cyberspace – Domestic Legal Context	Conference: Transatlantic Dialogue on Cyberespionage, Surveillance and the Protection of Privacy in the Digital Age. Organised by Stiftung Wissenschaft und Politik (SWP). Berlin, Germany: 10.06.2016	Ingolf Pernice
Panel: Rendezvous mit der Zukunft: Zwischen Überwachung und Ungehorsam	Lange Nacht der Wissenschaften: Zuse, Zukunft, Zunder – die Große Wissenschaftsshow. Organised by Technische Universität Berlin. Berlin, Germany: 11.06.2016	Theresa Züger
Panel: Haters gonna hate?	Digitaler Salon. Berlin, Germany: 31.08.2016	Cornelius Puschmann
Lecture/Talk: The Art of Startup Customer Acquisition	Lange Nacht der Startups. Organised by IHK Berlin. Berlin, Germany: 03.09.2016	Martin Wrobel
Lecture/Talk: Digitale Transformation – Machen Sie Ihr Unternehmen/Geschäftsmodell zukunftsfähig	Lange Nacht der Startups. Organised by Deutsche Telekom and IHK. Berlin, Germany: 03.09.2016	Jessica Schmeiss
Lecture/Talk: Die Auswirkungen des Zweckbindungsprinzips auf Innovationsprozesse in Startups	DSRI Herbstakademie (Session: Datenschutzrecht). Organised by Deutsche Stiftung für Recht und Informatik (DSRI). Hamburg, Germany: 15.09.2016	Max von Grafenstein
Lecture/Talk: Empörungsnetzwerke, Open Science und Open Data: Wie Wissenschaft, Hochschul-PR und Datenjournalismus zusammenarbeiten können	Jahrestagung des Bundesverbands Hochschulkommunikation (Session: Datenjournalismus in der Hochschulkommunikation). Organised by Bundesverband Hochschulkommunikation. Göttingen, Germany: 15.09.2016	Julian Ausserhofer, Cornelius Puschmann, Noura Maan, Markus Hametner
Lecture/Talk: Digitale Identitäten im Dreiklang: Menschen – Technologien – Unternehmen	IDent-Tag. Organised by Deutsche Post AG. Bonn, Germany: 21.09.2016	Thomas Schildhauer
Lecture/Talk: Wie Achtsamkeit die Innovation fördert	deGut – deutsche Gründer- und Unternehmertage. Organised by Deutsche Gründer- und Unternehmertage. Berlin, Germany: 08.10.2016	Martina Dopfer
Lecture/Talk: Vorstellung der Startup-Benchmarking GER 2020: Globale Start-up-Ökosysteme – Wo steht Deutschland?	Zeit Wirtschaftsforum. Organised by Zeit. Hamburg, Germany: 03.11.2016	Thomas Schildhauer, Marcel Hebing
Discussion/Meeting: Vernetztes Lehren und Lernen – Wie viel Digitalisierung brauchen Bildungsmedien?	Conference: Bildungskonferenz – Digitaler Bildungspakt. Organised by Microsoft. Berlin, Germany: 09.11.2016	Thomas Schildhauer
Lecture/Talk: Welche Faktoren beeinflussen heute und morgen den Einsatz digitaler Lernsysteme?	Konferenz zum Digitalen Bildungspakt (Session: Trendmonitor berufliche Aus- und Weiterbildung). Organised by Microsoft Deutschland. Berlin, Germany: 09.11.2016	Thomas Schildhauer
Lecture/Talk: Brexit als Verfassungsproblem	Brexit als Verfassungsproblem. Organised by Notarverein NRW. Worms, Germany: 19.11.2016	Ingolf Pernice

EVENT ACTIVITY	EVENT	RESEARCHER
Lecture/Talk: Open Innovation	PLC-Forum (Session: Open Innovation). Organised by BSH Hausgeräte GmbH. Werder, Germany: 30.11.2016	Thomas Schildhauer
Participating expert	Hearing: Digitalisierung als Brücke im transatlantischen Verhältnis. Organised by Konrad-Adenauer-Stiftung. Berlin, Germany: 12.12.2016	Ingolf Pernice

SECURING AND DEVELOPING THE INSTITUTE'S WORK

1. Acquisition of additional institutional funding to extend the life-span of the institute

FUNDING 2015	BRIEF DESCRIPTION	FUNDER	DIRECTOR/RESEARCHER	TIME FRAME
1 500 000 €	Institutional funding	GFI/google		01.04.2012 – 31.12.2019
1 500 000 €				

2. Acquisition of project funding

FUNDING 2015	BRIEF DESCRIPTION	FUNDER	DIRECTOR/RESEARCHER	TIME FRAME
24 000 €	Development of Internet Entrepreneurship Research	google/GFI	Thomas Schildhauer	01.12.2012 – 29.02.2016
30 000 €	Funding of PhD candidate 'Finance Clinic' integrated in the HILG doctoral programme	KPMG	Thomas Schildhauer, Robin P. G. Tech	01.07.2013 – 30.06.2016
14 000 €	Support on project: KORSE	University of Freiburg/ Federal Ministry of Education and Research (BMBF)	Ingolf Pernice, Emma Peters, Hannfried Leisterer, Sebastian Leuschner, Adrian Haase	01.07.2013 – 30.06.2016
57 000 €	Support on project: Wachstumskern dwarf – Verbundprojekt 5: Zukunftsforschung und Wissenstransfer; Erforschung zukünftiger sozialer und wirtschaftlicher Entwicklungen im A/V-Wirtschaftszweig	Federal Ministry of Education and Research (BMBF)	Thomas Schildhauer, Sascha Friesike, Urs Kind	01.03.2014 – 28.02.2017
19 000 €	Support on project: Wachstumskern dwarf – Verbundprojekt 4: Distributionstechnologien; Nutzerseitige Impulse zur Entwicklung von Geschäftsmodellen	Federal Ministry of Education and Research (BMBF)	Thomas Schildhauer, Sascha Friesike, Urs Kind	01.03.2014 – 28.02.2017
56 000 €	Support on project: Wachstumskern dwarf – Verbundprojekt 3: Rechtemanagement; Gesetzliche Voraussetzung für die Verwertung von Verwaisten Werken	Federal Ministry of Education and Research (BMBF)	Ingolf Pernice, Rike Maier	01.03.2014 – 28.02.2017
48 000 €	Support on project: User Innovation in the Energy Market	innogy Foundation for Energy and Society	Thomas Schildhauer, Hendrik Send, Matti Große	01.06.2015 – 31.05.2018
35 000 €	Support on the special keynote dialogue: 'Big data: big power shifts?'	Vodafone Institute for Society and Communications	Jeanette Hofmann, Frédéric Dubois	01.11.2015 – 30.04.2016
97 000 €	Support on project: Networks of Outrage	Volkswagen Foundation	Jeanette Hofmann, Christian Katzenbach, Julian Ausserhofer, Cornelius Puschmann	01.01.2016 – 31.03.2017
12 000 €	Support of 3 broadcasts Digitaler Salon Spezial	Medienanstalt Berlin-Brandenburg (mabb)	Karina Preiß, Larissa Wunderlich	01.05.2016 – 30.11.2016
100 000 €	Support on project: Internet of Things	Cisco	Thomas Schildhauer, Ingolf Pernice, Osvaldo Saldías, Christian Djeflal, Robin P. G. Tech	01.05.2016 – 30.04.2017

FUNDING 2015	BRIEF DESCRIPTION	FUNDER	DIRECTOR/RESEARCHER	TIME FRAME
59000€	Support on project: Kompetenzzentrum 4.0	Federal Ministry for Economic Affairs and Energy (BMWi)	Thomas Schildhauer, Martin Wrobel, Jessica Schmeiss	01.05.2016 – 30.04.2019
35000€	Support on the annual conference of the Association of Internet Researchers 2016 (AoIR 2016)	Deutsche Forschungsgemeinschaft (DFG)	Jeanette Hofmann, Wolfgang Schulz, Christian Katzenbach, Larissa Wunderlich	01.06.2016 – 30.11.2016
24000€	Support on project: Benchmarking of the Startup-System in the region Hamburg/ Berlin with ecosystems in Tel Aviv, London and San Francisco/Silicon Valley	Zeitverlag, NextMedia. Hamburg und Berlin Partner	Thomas Schildhauer, Marcel Hebing	01.06.2016 – 30.11.2016
15000€	Support on project: Internet Policy Review (IPR)	creatE	Jeanette Hofmann, Frédéric Dubois, Uta Meier-Hahn	01.07.2016 – 30.06.2017
30000€	Support on publication: Bildung und Wissen in einer Digitalen Gesellschaft	Federation of German Industries (BDI)	Wolfgang Schulz, Thomas Schildhauer, Karina Preiß, Benedikt Fecher	01.08.2016 – 31.10.2016
8000€	Support on project: Internet Policy Review (IPR)	European Union (FP7 post-grant OA publishing funds)	Jeanette Hofmann, Frédéric Dubois	01.10.2016 – 31.03.2017
10000€	Support on project: OPEN – Methods and tools for community-based product development	Deutsche Forschungsgemeinschaft (DFG)	Thomas Schildhauer, Hendrik Send, Robin P. C. Tech	01.10.2016 – 31.07.2017
19000€	Support on Project: Collaboration of Startups and Corporates	Spiefeld Digital Hub	Thomas Schildhauer, Martin Wrobel	01.10.2016 – 30.09.2017
692000€				

3. Acquisition of project funding

BRIEF DESCRIPTION	FUNDER	DIRECTOR/RESEARCHER	TIME FRAME
Funding of PhD candidate 'Open Science' integrated in the HIIG doctoral programme	German Institute for Economic Research (DIW Berlin)	Benedikt Fecher	01.09.2012 – 31.12.2016
Fellowship Benedikt Fecher	DARIAH-DE	Benedikt Fecher	01.09.2015 – 29.02.2016
Funding Stipend Program for Doctoral Students for a 7-month research period at the GovernanceLab at the New York University, NY	German Academic Exchange Service (DAAD)	Kirsten Gollatz	01.11.2015 – 31.05.2016
Funding of travel expenses Schumpeter Conference Canada	Social Science and Humanities Research Council of Canada	Matti Große	01.07.2016 – 31.07.2016

