

# RESEARCH REPORT 2015

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The relationship between society and the Internet can be analysed from various perspectives. Research on the digital society often addresses specific phenomena without having a sufficient theoretical or conceptual basis and empirical evidence. HIIG aims to contribute to a broadening of both the theoretical and empirical foundations of future research on the digital society.

In 2015, the Alexander von Humboldt Institute for Internet and Society (HIIG) team focused on completing initial research projects and publishing their results, as well as furthering ongoing research projects. At the same time, we sought to establish collaborative relationships with other research institutes and potential funding organisations. One of the most important outcomes of these efforts is that we became part of the international Network of Centers, with its nine steering committee members from four continents. In addition, we strengthened our event calendar with events such as the annual Early Stage Researcher Colloquium and the monthly Digitaler Salon. Other activities focused on raising external research funds from both public and private sources. This focus on third-party funding is also in line with the recommendation by HIIG's board of trustees to broaden our funding base.

2015 research objectives:

- Focus on publications and academic output, esp. highly recognised discipline-based journals
- Support the doctoral programme and develop an alumni programme to ensure that alumni remain highly involved in and supportive of the institute's activities
- Stabilise the NoC and international relationships/fellowship structure
- Support research transfer through topic-oriented events and communication, esp. preparation and fundraising for Internet Research 17 (AoIR annual conference in 2016)
- Develop a long-term research strategy

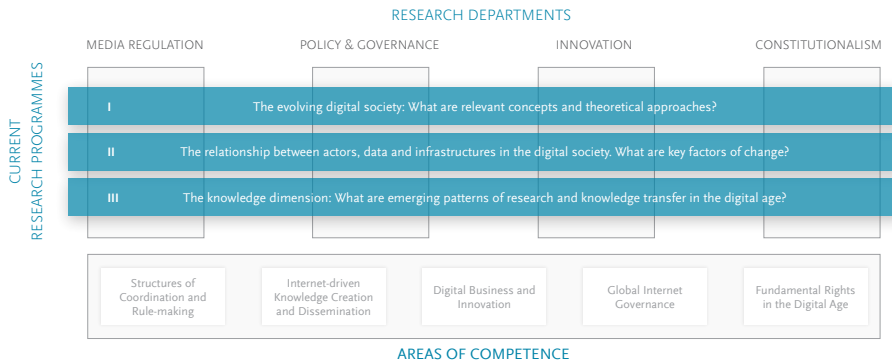
As in previous years, it has been important to secure long-term funding for the institute and succeed in evaluated third party funding applications. For this purpose HIIG set up the Internet and Society Foundation with at least one (or a group of three) institutional funders in 2015.

## RESEARCH PROGRAMMES AND DEPARTMENTS

The consistent focus on academic output resulted in a wide range of publications and conference contributions on an international level and led to some highly regarded conferences within the research community. HIIG research teams worked within their respective fields of expertise: **Internet and Media Regulation, Internet Policy and Governance, Internet-Enabled Innovation, and Global Constitutionalism and the Internet**, but also dedicated some time to refining a long-term, programme oriented research strategy to further transdisciplinary exchange and joint research at the institute. Read on for details of several key aspects from the overarching research programmes and research departments.

## ADVANCING TOWARDS ACADEMIC QUESTIONS AND PROGRAMME-ORIENTATION

Since 2014, the HIIG team has been working to advance its research agenda and raise its academic profile. The following graph shows an outline of the structure that will be one core element to guide the institute's research development:



The research agenda is based on two elements: research programmes and areas of competence. Research programmes are expected to cover a defined period of time and be driven by broad research questions addressed by the institute's departments. A senior researcher and at least one director will be responsible for developing and pursuing the specified research questions. Projects contribute in various ways to addressing the research questions.

HIIG's areas of competence reflect internal expertise. They encompass long-term research interests, common methodological skill sets, and the theoretical inclinations of the institute's members, which the institute wants to highlight to stakeholders who may be interested in potential partnerships independent of specific projects or programmes. Areas of competence may also emerge from collaborative activities with external partners. Current areas of competence include: Structures of Coordination and Rule-making, Digital Business and Innovation, Internet-driven Knowledge Creation and Dissemination, Global Internet Governance, Fundamental Rights in the Digital Age.

Neither research programmes nor areas of competence function in a top-down fashion; instead, they create a structure that facilitates the research planning process. The individual questions contributing to the programmes will be specified in 2016. The research programmes will be evaluated and – if necessary – recalibrated on a regular basis depending on the research outcomes and new developments in the sphere of Internet and society.

## 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, up until now, been mostly 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 NoC.

One of our key interests in 2015 was the role of online intermediaries. They have become a new type of powerful institution in the 21st century; they shape the public networked sphere and are the subject of intense and often heated policy debates. One contribution to our research programme on the evolving digital society was an international case study analysing online intermediary governance issues from multiple perspectives, and in the context of different cultures and regulatory frameworks. A synthesis paper (Gasser/Schulz (2015): *Governance of Online Intermediaries: Observations from a Series of National Case Studies*) distills the key observations made in countries and regions like Brazil, the European Union, India, South Korea, the United States, Thailand, Turkey, and Vietnam into one paper. This paper puts the focus on the rapidly changing landscape of intermediary governance at the intersection of law, technology, norms, and markets.

Another report centred on the potential misuse of communicative power by “information intermediaries” (Schulz/Dankert (2015): *The Power of Information Intermediaries: Phenomena, Structures and Regulation*). It aimed at supporting the political process of the Bund-Länder Commission, which dealt with the issues of intermediaries in a separate work group. The main topic of the report was the question of what level intermediary regulation start on and what mechanisms can be used to implement it. It did not, however, tackle the more general question, of whether there is a need to regulate intermediaries. Firstly, the term *information intermediary* was defined and its operational characteristics were explained. The report then reflected on the expectations regarding intermediaries’ functions, to then illustrate possible problems and phenomena. It discusses the question of whether competition and anti-trust laws can limit a potential misuse of power. The report concluded with a portrayal of first regulatory approaches.

As a part of another NoC research project on **Internet Governance** we delivered a case study describing and analysing the process by which the cryptocurrency Bitcoin revised its core code to accommodate a new feature (Oermann/Toellner (2015): *The Evolution of Governance Structure in Cryptocurrencies and the Emergence of Code-Based Arbitration in Bitcoin*). Since cryptocurrencies in general aim to operate without a central agent, it is difficult to resolve disputes. To address this, Bitcoin added *multi-signature transactions* as a new functionality. Our case study on that change

examined how the open source community of Bitcoin is able to maintain a stable codebase that can serve as a basis for an entire form of currency, while still making necessary improvements. We found that this is secured by elaborated (meta) structures governing the development processes itself. Furthermore, the case study showed that the decision-making processes regarding transformations in Bitcoin's governance structure are not as transparent as one might expect given the cryptocurrency's commitment to open source.

Other significant parts of our research are directly linked or even incorporated into the projects of the **Network of Centers (NoC)**, a federation of Internet research centres located all over the world. For more information, see below.

## 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 socio-cultural, technical, and legal norms contribute to ordering digitally networked environments. Following up on the conceptual discussion paper in 2014 (Hofmann/Katzenbach/Gollatz (2014): *Between Coordination and Regulation – Conceptualizing Governance in Internet Governance*. HIIG Discussion Paper Series No. 2014–04, Berlin), we have refined this theoretical perspective in workshops and presentations. The considerably revised concept paper has been accepted for publication at the *A-Journal New Media & Society*.

In our lead project **Circulation of Cultural Goods** the focus in 2015 was on data analysis and dissemination. We presented and discussed the findings of the multi-method case study on imitation and innovation in the games sector at relevant academic conferences and leading business events. The project addresses the questions of how an innovative sector with huge turnovers can remain profitable without clearcut IP protection and how developers handle the tension between legitimate imitation and innovation. The results, which are drawn from 24 interviews with developers and legal experts, a panel discussion at the International Games Week, and an expert workshop, indicate that copyright law does not play an active role in developers' daily practices. However, there are no strong social norms shared within the whole sector about the fine line between imitation and inspiration. Considerable differences were found between so-called indie developers and game creators working in larger companies in how they understand game development, evaluation criteria, and the tension between secrecy and the sharing of early prototypes. Despite those differences, there is consensus within the sector that stronger legal protection would restrain creativity rather than regulate the market for the better. After unsuccessful bids in highly competitive funding-schemes in 2015, we are continuing the collaboration with CREATE in Glasgow and IViR in Amsterdam to further empirical copyright research in a systematic and comparative way.

As digitalisation in all kinds of domains continues to rapidly develop, we intensified our engagement with infrastructures of the digital society throughout the year. To contribute to the research programme on **The Relationship between Actors, Data and Infrastructures** we started developing a general research perspective on the governance of those technological structures, which focuses on their embeddedness in societal processes and settings. In this line of research, we engaged in very productive discussions on the infrastructure for Car2Car-Communication with various members of the industry; this resulted in a research agenda currently seeking funding. The research on the social dimension of Internet interconnection conducted by PhD candidate Uta Meier-Hahn received very positive feedback in 2015 from academia as well as from the industry. Her presentation of preliminary results on how trust and distrust among network engineers influences global Internet connectivity at TPRC 43 in Washington was complimented by David D. Clark, co-inventor of TCP/IP, as a “great paper (...) talking about why it is that the Internet actually works”. At the UN Internet Governance Forum in Brazil, Uta Meier-Hahn convened an expert workshop that addressed how Internet interconnection is increasingly coming under regulatory pressure – engaging in a conversation that is likely to be of concern for the Internet community for some time to come.

In the midst of a heated political debate about how social media companies handle user harassment, hate speech, and extremist content on their platforms, the project **Freedom of Expression in the Quasi-public Sphere** has entered the data collection and analysis phase. Having spelled out the networked logic of social media platforms and their governance in theoretical terms, we are now using qualitative methods in order to uncover changes to platforms’ content rules and the public discourse around it. The evolution of private governance of user content by social media companies appears to be transforming gradually in response to user growth, liability risks and public criticism, rather than as radical changes.

In 2015 the open access journal on internet regulation **Internet Policy Review** which is led by the Policy and Governance team developed into a full-fledged journal including thematic issues, visibility at key conferences, and a new partnership with the CNRS’ Institute of Communication Science (ISCC) in Paris.

In 2016 we are especially looking forward to the new project **Networks of Outrage** funded by VW-Foundation. The project will look into online hate speech and the emergence of right-wing extremism by analysing social media traces and conducting on-site research.

## INTERNET-ENABLED INNOVATION

HIIG’s entrepreneurship research team offers PhD-led *Startup Clinics* to discuss challenges with founders and guide them to a network of high-level experts. During the past two years, we have conducted qualitative interviews with more than 200 startups in our Startup Clinics. Entrepreneurship studies at HIIG are part of a multidisciplinary tradition covering areas such as business models, financing, sales, HR, and law. This adds different perspectives to our understanding of the

factors influencing Internet-enabled startups. Using content analysis, we combine 391 relevant topics, which we were able to summarise into 39 factors. We have identified five core factors: entrepreneurial spirit (motivation and commitment) of the core team, the core team's network, tech resources, entrepreneurial experience within the team, and marketing cooperations. Four out of these five important factors are linked to the people within a startup. These factors play an important role in Internet-enabled startups. Our findings provide ideas for policy makers who want to improve the situation for startups in Berlin. We have published a paper that summarises these findings in the proceedings of the Strategic Management Conference in Rome. Additionally we have published on effects of regulation instruments on startups, on business models for startups and on entrepreneurial behaviour at the level of national innovation systems. To share knowledge with the startup community, we offer short videos in a *Knowledge Base* to address specific questions founders may have as they move through the entrepreneurial process. This has been supported by the project **Fostering Engagement with Gamification: Review of Current Practices on Online Learning Platforms** which seeks to better understand the phenomenon of gamified online learning as a new way to boost the level of students' engagement. We aim to provide a summary of how experts are thinking about the design and implementation of gamification in online learning environments.

Our three-year research project **User Innovation in the Energy Market** investigates the role of consumers and *prosumers* in that market. Despite the debate about the new role of users in a sustainable and smart-energy system, user-driven innovation has been largely absent from the energy sector. From now until 2018, we will be analysing the factors driving users to innovate and to collaborate, as well as the factors that impede such behavior. In addition to analysing existing innovation communities and user careers, the research project aims to establish practical recommendations on how user-centred innovation and business models increase the role of innovative prosumers and how established companies in the energy market can make use of such phenomena. We are currently conducting a systematic literature review on user innovation in communities. To date we have screened more than 4,800 scientific articles to understand and summarise the research landscape in this field of interest. Furthermore, we have already conducted more than 40 stakeholder and expert interviews and visited user innovators in East Germany to gather data for case studies. In our research, we are closely collaborating with researchers from the University of New South Wales, Australia. Our shared interest is especially linked to the enabling role of Internet communication technology, and in particular the Internet.

Our **Open Science Project** contributes to the research programme The knowledge dimension and was awarded the **Deutschland – Land der Ideen** award by the German Federal Government. In addition, we organised a track at the General Online Research conference on openness. The team's research was focused on two themes: firstly, data sharing – we published the first results from the data sharing survey and submitted a journal article based on the data set. Secondly, we submitted a research article on how citizen science projects come to life to an academic journal concerned with the interactions between science and the public. We also closely collaborated with research funding groups on the topic of open science. We gave a talk in Brussels to Science Open, the parent

organisation of the European research funders. In Germany, we are also engaged with the research group Science 2.0 and BMBF to develop novel metrics for digital research. One of our researchers gave the keynote speech at the ten-year anniversary event of *Knowledge Exchange*, a collaboration of six major research funders in Europe.

A research collaboration with the University of Würzburg that investigates 3D printing was awarded the best paper award at this year's European Conference on Information Systems conference. In the project we investigate how users remix existing designs on the world's largest platform for 3D models to create new designs. Remixing is a known concept in the realm of creativity. However, it is hard to study, as firms and individuals are reluctant to name their sources of inspiration. On Thingiverse (the platform for 3D models), users publish all designs under an open license. Everyone is allowed to reuse the designs but has to cite the original. This unique setting allowed us to study the remix process in detail. On the basis of the conference article, we developed a journal article that we submitted to a leading IS journal.

## GLOBAL CONSTITUTIONALISM AND THE INTERNET

The democratic legitimacy of EU decision-making could considerably benefit from the enhanced application of e-government and e-democracy. This concept, along with some recent developments, was presented and discussed at conferences in Saloniki (ECLN) and Rome. The Internet in particular offers prospects for achieving a form of global democracy. Some fundamental ideas for this were presented at a conference in Frankfurt and further developed for the *Congreso del Futuro* in Santiago de Chile: They are based upon the principles of multilevel constitutionalism, informed by experiences with Internet governance, and related to certain benefits from the Internet; these include benefits for equal borderless information, transparency, public deliberation spaces, direct participation, and e-voting. It is clear, though, that democratic global ordering presupposes 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 including 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 as a part of the HIIG research programme on the relationship between actors, data and infrastructure. We identified a lingering misinterpretation of the legal rules promoted by a coalition of powerful public and private data controllers and commissioners; this resulted in a failed first attempt to implement data protection by design into the (German) law in the 1970's. On the other hand, a thorough examination of four major internet players' current privacy policies revealed a framing of privacy that makes these players appear not as attackers but as guardians of their users' privacy. We participated in the first round of a transatlantic digital dialogue, organised by the *Stiftung Neue Verantwortung* (Ben Scott), and based on the joint preparatory work on mass surveillance. The aim of the report is to reach a transatlantic understanding in three areas; in the first stage, this includes oversight and transparency, extraterritorial access to data, and cyber-security and strong encryption.

In the research project **Digital Civil Disobedience**, we developed a taxonomy characterising three types of digital disobedience: symbolic digital disobedience, disruptive or invasive digital disobedience, and disobedient digital direct action. Notwithstanding the taxonomy, there is a grey area; many cases fail to meet important features of civil disobedience in the proposed conception – for instance, because they involve aspects like anonymous action or the automation of digital protest.

Further insights on security issues have been gained within the framework of the **KORSE** project on the law of civil security in Europe. Regarding the security of critical infrastructure, German and EU legislation on cyber-security is likely to change the European informational architecture and administrative structures. This may lead to greater government data pools, with security-related information shared between government agencies across the EU. Even though the integration of information systems has not met expectations, the nucleus of a digital security law needs to be further developed. As private corporations are accumulating vast quantities of data too, much of it personal data — they are voluntarily granting governmental agencies, especially law-enforcement agencies, access to this data. The emergence of a private-public cooperation raises particular issues with regard to the individual's fundamental rights and the rule of law, which the project is addressing. In the field of international cybercrime legislation, we note that the full and EU-wide implementation of the Directive on Attacks against Information Infrastructures was completed in September 2015. Since the United Nations silently gave up efforts to establish a UN Convention on Cybercrime, it is an open question whether focusing instead on capacity building through its various sub-organisations and in cooperation with additional international organisations will be sufficient.

Copyright is particularly under pressure due to the digitalisation of works and use. The research in the **dwerft** project analyses the legal framework for creative re-uses of audiovisual works. The researchers developed a taxonomy of different creative reuses (covering, for example, fan vids, remixes, mashups, documentaries, compilation films). We found that exceptions to copyright come with significant insecurities for users, while they leave considerable room for creative re-uses if the underlying fundamental rights are adequately considered. In terms of the preservation of orphan filmworks, the research suggests that the EU Orphan Works Directive and its implementation will probably not be sufficient to allow for the adequate archiving and preservation of orphan audiovisual works such as films or computer games.

The project **Digital Public Administration** focuses on structural changes to administrative processes and institutions. We collected evidence from European e-health pilots, showing that the success of major IT projects to modernise the provision of public services depends on the interaction of (at least) three different levels: the technological, the organisational, and the legal. These levels seem to be rarely considered jointly when IT modernisation is brought into public administration. The project strives to overcome this through its interdisciplinary approach, with the aim of better understanding difficulties in making proper use of IT and finding practical solutions.

## NETWORK AND INTERNATIONAL RELATIONS

### NETWORK OF CENTERS

For the International Network of Internet and Society Centers (NoC), 2015 was a year of growth and consolidation. Under the organisational management of the Nexa Center for Internet & Society in Turin, the NoC has gained members from all over the world. With a current total of 63 members from more than 25 countries, the NoC has grown to be the biggest cluster in Internet and society research. This enables us to collaborate with partners from all parts of the world, contributing to a better understanding of the Internet, and to help researchers from all over the world to connect with the international research community. The close relationship between the centres allows researchers to easily connect with colleagues for discussion and inspiration, and helps them to understand foreign developments.

2015 has also been a year of consolidation. The network's first two collaborative research projects were brought to an end, both resulting in the publication of several case studies, as well as concluding observations. Each of these projects – on **Internet Governance** and **Online Intermediaries** can be seen as role models for future international cooperations and as a success for all the researchers and centres involved. For more information about the two projects, visit the NoC's publication sites on [publixphere.net](http://publixphere.net) and [SSRN](http://SSRN).

Of course, there have also been a number of events hosted or attended by NoC members; most notably the annual NoC conference, which took place in Hong Kong in November. Over 60 researchers from almost 30 centres followed the NoC's invitation to reflect about emerging topics and research communities, give updates about global research and find new areas of collaboration. The main topics were the challenges and opportunities arising in a digital Asia and the need to tackle online hate speech. New research projects related to both topics are to be introduced shortly.

With these new ideas and visions regarding content as well as organisation, the NoC is sure to thrive in 2016.

### FELLOW PROGRAMME AND VISITING RESEARCHERS

The Summer Fellow Programme offered in 2013 and 2014 was continued in 2015. There were 27 applicants from 15 different nations. After the selection procedure, including interviews with eight of the applicants, four summer fellows were selected in 2015; one for each research department of the institute. The fellows came from UK/South Africa, Germany, Iran, and Denmark/Germany. The timeframe and duration of the stay was rather flexible and three stays were extended after summer.

All fellows were assigned a research partner from the respective research department and were invited to participate in the joint activities of their research departments. 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, a joint research project was written between Media Regulation fellow Farzaneh Badii and Policy & Governance director Jeanette Hofmann and a paper by fellow Jonas Kaiser and Cornelius Puschmann was accepted for the ICA conference.

All in all, the summer fellow programme of 2015 turned out to be very beneficial – both for the fellows and for the institute. Two fellows will continue their collaboration with HIIG as long-term associated researchers. After three years of successfully conducting the fellowship programme, the challenge for 2016 lies in processing the increasing number of applications – even outside the formal application period – and in selecting the most promising and best-fitting researchers for HIIG. Since restricting the fellowship to the summer has proven to be too rigid, the timeframe has been loosened for 2016. This means we must ensure that even if not all the fellows can be in Berlin simultaneously, the programme will still create one fellow group that will enable each of the fellows to gain as much from each other as from the researchers at HIIG.

In addition to the fellowship programme, HIIG also served as a host institution for visiting researchers (a total of seven in 2015) coming from a variety of disciplinary backgrounds and countries, including Turkey, the Netherlands, Brazil, Spain, and Germany. The visiting period varied from one to five months. The visiting researchers initiated and participated in events such as roundtable workshops (e.g. Christian Ernst), Brown Bag Lunches (e.g. Bendert Zevenbergen), and joint projects (Oriol Borrás with the Gamification/MOOC Project); they were also present for some of the institute's quarterly meetings.

## 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 three 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 21 doctoral students at HIIG. The first theses were submitted in 2015.

All doctoral students are given the opportunity to organise workshops concerning their own topics of interest and to attract (international) researchers to HIIG. In 2015, there were events such as a workshop on *Civil Disobedience Beyond the State*, several open HIIG Clubs, and the Early Stage Researcher Colloquium (more details to be found in the events section).

Many of HIIG's doctoral students take advantage of the opportunities to actively participate in international conferences (see examples below), use the travel fund for research stays abroad, and participate in training sessions and workshops at Berlin's universities or graduate centres. Since academic events on the specific methods for Internet research are not part of the usual range of courses offered by graduate schools, it is not exactly easy to find lectures in these areas. Also, as courses are often not tailored to the needs of HIIG's doctoral students, it is necessary to organise many of them as in-house events, e.g. presentations/panel moderation sessions, individual training sessions on academic writing in English, media training (see section on communication).

The strong integration and networking activities of HIIG's doctoral students with the scientific community should also be highlighted: The past year was characterised by several invitations to national and international academic events, paper presentations and publications. An overview can be found in the monitoring of the institute's activities on pp. M.194 – M.195.

Due to the expected upcoming graduations, there will be two important new tasks for the year 2016: the establishment of an alumni programme (including an alumni day, publication support, an alumni network, for example for mentors, new talent etc) and a new phase of openings and applications to recruit new candidates for the doctoral programme.

## TRANSFER OF RESEARCH THROUGH EVENTS, PLATFORMS, AND COMMUNICATION

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

### EVENTS, WORKSHOPS, CONFERENCES

The institute strives to open up its academic work and research results for questions and insights from these target groups. In 2015, we continued our existing event series and offered a range of different formats. We not only initiated several public keynote and panel talks but also frequently invited representatives from politics and the economy to academic workshops and roundtables emerging from the institute's research activities.

The following selection reflects the range of different topics and target groups:

- Public lunch talk with Peter Thiel (Berlin, January 2015, ~ 500 guests)
- Save Game – Legal Challenges in Game Preservation (Berlin, April, ~ 30 guests)
- Civil Disobedience Beyond the State II (Berlin, May, ~ 50 guests)
- Public lecture by Gabriella Coleman: Weapons of the Geek (Berlin, May, ~ 100 guests)
- Innovation in the games sector: protection vs. liberalisation (Berlin, June, ~ 40 guests)

- Public Startup Clinics talk: How to find the right co-founder? (Berlin, September, ~ 100 guests)
- Early Stage Researchers Colloquium 2015 (Berlin, September, ~ 90 guests)
- Public keynote dialogue: Making sense of Big Data (Berlin, December, ~ 170 guests)

In 2015 the institute also hosted several nationally and internationally recognised meetings and conferences and welcomed numerous researchers to Berlin. These activities strengthened existing networks and enhanced new partnerships, further increasing the visibility of the institute and facilitating possible future collaborations.

- iLINC Best Practice Sharing Event (Berlin, May, ~ 50 guests)
- 9. Berliner DH-Rundgang at HIIG (Berlin, May, ~ 30 guests)
- 10th GikII conference 2015 in Berlin (Berlin, September, ~ 50 guests)
- Media Communication between Complexity and Simplification. Theory, Methods, Practice; (Jahrestagung zweier DGPK-Fachgruppen) (Berlin, November, ~ 90 guests)

Under the title *The Internet as challenge for state, law and society*, the institute organized a weekly lecture series from April to June held at the law faculty of the Humboldt Universität zu Berlin. Selected speakers shed light on different topics around Internet law and the current challenges of a digitalised society.

Please find below a selection of the speakers who appeared:

- Paul Nemitz, Director Fundamental rights and Union citizenship, Directorate-General Justice of the European Commission: Vorratsdatenspeicherung, das Google-Urteil des EuGH und die Reform des Datenschutzes in Europa
- Reinhard Priebe, former Director Internal Security, Directorate-General Home Affairs of the European Commission: Europäische Cyber-Sicherheitspolitik im Spiegel transatlantischer Verhandlungen
- Norbert Riedel, Federal Foreign Office, Commissioner for International Cyber Policy: Entwicklung, Funktionsweise und Vertrauenswürdigkeit des Internets
- Cornelia Rogall-Grothe, state secretary at the German Federal Ministry of Internal Affairs: Der IT Planungsrat und die Digitalisierung von Staat und Verwaltung in Deutschland und Europa
- Kim Lane Scheppele, Director, Program in Law and Public Affairs, Princeton University. Laurance S. Rockefeller Professor of Sociology and International Affairs in the Woodrow Wilson School and in the University Center for Human Values: The War on Terror and the Deep Dilemma of Evidence
- Ben Scott, Senior Advisor to the Open Technology Institute and a Visiting Fellow at the Stiftung Neue Verantwortung in Berlin. Previously, Policy Advisor for Innovation at the US Department of State: Privacy and Security Policy in a Post-Snowden World

Throughout 2015, we also continued and developed our monthly discussion panel *Digitaler Salon* in collaboration with DRadioWissen as a well-known feature within Berlin's event landscape. Once

a month we invite special guests from academia, journalism and economy to engage in a dialogue with a live audience of 60 people on average, the #DigSal Twitter community, and the listeners of the radio show *Hörsaal* of the nation-wide broadcast service DRadio Wissen. The discussion can also be followed via livestream. The topics in 2015 ranged from user-generated art and religion in the age of the Internet to virtual pornography. At the end of the year, we put a very relevant topic on the agenda — the well-attended November edition discussed how smartphones prove to be vital tools for refugees.

### 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.

In 2015, the journal attracted 40,000 unique visitors for a compounded total of 50 research papers and 100 open editorials. The top three most read papers were "Internet censorship in Turkey" (Akgül and Kırdoğ, 2015), "Necessary and inherent limits to internet surveillance" (Wright, 2013) and, "Can human rights law bend mass surveillance?" (Joergensen, 2014). The journal organised the panel *Finding a European way on Internet governance* at the Internet conference *re:publica* in Berlin, gave best paper awards at the European Policy for Intellectual Property conference in Glasgow and took part in a panel called *Just as in journals: what model of academic publishing will become 'the' standard?* at Wikimedia Germany in Berlin.

The journal has put out four calls for papers in 2015, with the publication of special issues forthcoming. The topics are: *Big data, big power shifts?*, *Regulating the sharing economy*, *Doing Internet governance and Australian Internet policy*. The *Internet Policy Review* has been listed with the Directory of Open Access Journals (DOAJ) since early 2015.

### COMMUNICATION

In 2015 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. To keep track of the high media coverage and to publicise our availability for press requests, the section *HIIG in the Media* was launched.

In order to increase the institute's public outreach and to empower researchers to impart their findings and knowledge, training on media skills (giving interviews on academic content, radio/TV statements/expert interviews) were organised for groups of PhD candidates as well as for postdoc researchers.

Additionally we are working on various academic information platforms and communication tools – including, in particular:

- **HIIG website and blogs by our doctoral candidates and researchers:** While the site is used to provide information regarding the institute and to announce current events (3 308 daily average of visits), the doctoral candidates and researchers regularly provide information on their academic work on [blog.hiig.de](http://blog.hiig.de), helping to shape it as a tool to put scientific results up for discussion at an early stage. (approx. 80 blog posts in 2015)
- **Social Media activities:** regular updates via social networks, alongside the other forms of communication. Results (as of 25 January 2015):
  - Facebook: 2 210 likes (2014: 1 763)
  - Twitter: 3 680 tweets, 2 815 follower (2014: 2 094)
  - Youtube: 65 clips
  - Newsletter HIIG Quarterly (worldwide): 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 (1 286 news articles/posts since 2013, as of January 2016).
- **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 (more than 77 videos, as of January 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.187

Promoting up-and-coming researchers . . . . . M.192

A German node of an international network in the research area of the Internet and society . . . . . M.194

Interaction with politics, the civil society, and the economy regarding questions on Internet and society. . . . . M.195

Securing and developing the institute's work . . . . . M.201

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   |
|------------|---|--|--|
| 10.01.2015 | The evaluation of crowd science in academia and industry – research<br>Submitted at: google research grant (declined)   | –  | Thomas Schildhauer,<br>Cornelius Puschmann,<br>Sascha Friesike,<br>Benedikt Fecher       |
| 10.01.2015 | Fostering Engagement and Social Learning with Incentive Schemes and Gamification Elements in MOOCs<br>Submitted at: google (confirmed)  | –  | Thomas Schildhauer,<br>Anna Hansch,<br>Christopher Newman                                |
| 02.02.2015 | Digitale Innovation und Startups – Kollaboration zwischen etablierten Unternehmen und Internet Startups in der Energiebranche<br>Submitted at: RWE Stiftung für Energie und Gesellschaft (declined) | Prof. Dr. Paul Jackson, Edith Cowan University (Australien)  | Thomas Schildhauer,<br>Nancy Richter   |
| 27.02.2015 | Chancen der Nutzerinnovation für den Energiemarkt<br>Submitted at: RWE Stiftung für Energie und Gesellschaft (confirmed)  | –  | Thomas Schildhauer,<br>Hendrik Send  |
| 01.03.2015 | OPEN! Methods and tools for community-based product<br>Submitted at: DFG/ ANR (confirmed)   | G-SCOP, TU Berlin/IWF, CERAG, Raidlight<br>SAS, Knowable Co, P2PLap  | Hendrik Send   |
| 04.03.2015 | The Global Governance of Privacy<br>Submitted at: DFG (declined)  | Prof. Dr. Björn Scheuermann (Institut für Informatik, HU Berlin)   | Ingolf Pernice, Björn Scheuermann,<br>Osvaldo Saldías                                    |
| 27.03.2015 | Predictive Policing: Current Cases in German-speaking Countries<br>Submitted at: Media Democracy Fund, Ford Foundation and Open Society Foundations (declined)                                      | Matthias Spielkamp, irthts   | Jeanette Hofmann,<br>Kirsten Gollatz,<br>Osvaldo Saldías                                 |
| 31.05.2015 | Special Issue on Big Data<br>Submitted at: Vodafone Institut für Gesellschaft und Kommunikation (confirmed)   | CREATe (University of Glasgow)   | Jeanette Hofmann,<br>Frédéric Dubois,  |
| 04.06.2015 | ExPloids<br>Submitted at: BMBF (submitted)  | Uni Leipzig, Kernkonzept GmbH, xceeth technologies, METOP GmbH, Qualitytype GmbH, TU Dresden Assoz. Partner: Spirit Legal LLP, itm   | Wolfgang Schulz,<br>Thomas Schildhauer,<br>Max von Grafenstein                           |
| 14.06.2015 | Networks of Outrage: mapping the emergence of new extremism in Europe<br>Submitted at: VolkswagenStiftung (confirmed)   | Online-Redaktion des Standard, Österreich  | Jeanette Hofmann,<br>Christian Katzenbach,<br>Julian Ausserhofer,<br>Cornelius Puschmann |
| 29.06.2015 | Projektbezogener Personenaustausch mit Australien<br>Submitted at: DAAD (submitted)   | Dr. Paul Jackson (Edith Cowan University (ECU))  | Thomas Schildhauer,<br>Nancy Richter   |
| 09.08.2015 | ASSESSORS<br>Submitted at: EU (declined)  | NXP Semiconductors Netherlands BV, TomTom International, TechnolutionNederlandse Organisatie voor Toegepast Natuurwetenschappelijk Onderzoek, Stichting Katholieke Universiteit, Technische Universiteit Eindhoven, Gemeente Helmond, qKeyQkey, Telit Automotive Solutions, ERTICO – ITS Europe, Freescale Polovodice e Ceska Republika, Vysoke Ucení Technice v Brne, NXP Semiconductors Germany GmbH, Freescale Halbleiter Deutschland GmbH, Der Hamburgische Beauftragte für Datenschutz und Informationsfreiheit, Freie und Hansestadt Hamburg, TomTom Development Germany GmbH, Telit Automotive Solutions SARLTelit, Commissariat à l'Énergie Atomique et aux Energies Alternatives, Freescale Semiconducteur France, Gernalto SAGemalto, YoGoKo, Commsignia, Freescale Semiconductor Romania, Universitatea Politehnica din Bucuresti | Wolfgang Schulz,<br>Jeanette Hofmann,<br>Christian Katzenbach,<br>Max von Grafenstein    |

| SUBMITTED  | TITLE/SUBMITTED AT   | PARTNER   | APPLICANTS  |
|------------|--|---|---|
| 10.09.2015 | Ford-Mozilla Open Web Fellows program<br>Submitted at: Mozilla Foundation (declined)                             | –   | Jeanette Hofmann,<br>Frédéric Dubois,<br>Christian Katzenbach,<br>Lies van Roesel |
| 15.10.2015 | Blankenseecolloquium Wissenschaft und Digitalisierung<br>Submitted at: Wissenschaftskolleg zu Berlin (submitted) | Deutsche Institut für Wirtschaftsforschung,<br>MaxPlanck-Institut für Wissenschaftsgeschichte | Thomas Schildhauer,<br>Sascha Friesike,<br>Benedikt Fecher                        |
| 26.10.2015 | USE PRIMA DAMA<br>Submitted at: BMBF (submitted)   | BMW, NXP und die Stiftung Datenschutz   | Thomas Schildhauer,<br>Wolfgang Schulz, Max<br>von Grafenstein                    |

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. 162 – 169.

Publications in the HIIG Discussion Paper Series

Pernice, I. (2015). Global Constitutionalism and the Internet. Taking People Seriously. HIIG Discussion Paper Series, 2015(01).

Hansch, A., Hillers, L., McConachie, K., Newman, C., Schildhauer, T., & Schmidt, P. (2015). Video and Online Learning: Critical Reflections and Findings from the Field. HIIG Discussion Paper Series, 2015(02).

Meier-Hahn, U. (2015). Creating Connectivity: Trust, Distrust and Social Microstructures at the Core of the Internet. HIIG Discussion Paper Series, 2015(03).

Hansch, A., Newman, C., & Schildhauer, T. (2015). Fostering Engagement with Gamification: Review of Current Practices on Online Learning Platforms. HIIG Discussion Paper Series, 2015(04).

Al-Ani, A., & Stumpp, S. (2015). Motivationen und Durchsetzung von Interessen auf kommerziellen Plattformen. Ergebnisse einer Umfrage unter Kreativ- und IT-Crowdworkern. (Motivations and Enforcement of Interests on Commercial Platforms: A Survey among Creative- and IT-Crowdworkers.). HIIG Discussion Paper Series, 2015(05).

Richter, N., Schildhauer, T., Dopfer, M., von Grafenstein, M., Tech, R. P. G., Trifonov, S., & Wrobel, M. (2015). Fördernde und hindernde Einflussfaktoren für Internet-enabled Startups. HIIG Discussion Paper Series, 2015(06).

### 3. Academic lectures and panels

#### Selected competitive/peer reviewed conference presentations

| EVENT ACTIVITY   | EVENT  | RESEARCHER                             |
|--|--|--|
| Lecture/Talk: Connecting Post-Authoritarian Regimes: internet governance capacity building in Myanmar  | International Studies Association General Conference – New Orleans 2015 (Session: Connecting Post-Authoritarian Regimes: internet governance capacity building in Myanmar). Hilton New Orleans Riverside, New Orleans, USA: 19.02.2015                                 | Andrea Calderaro                       |
| Panel: Examining the Governance of Globalizing Internet and Information Infrastructure   | Conference: International Studies Association General Conference – New Orleans 2015. Hilton New Orleans Riverside, New Orleans, USA: 20.02.2015  | Andrea Calderaro                       |
| Panel: Unconventional Conflict, Unconventional Means and New Data  | Conference: International Studies Association General Conference – New Orleans 2015. Hilton New Orleans Riverside, New Orleans, USA: 21.02.2015  | Andrea Calderaro                       |
| Lecture/Talk: Transparenz und Berechenbarkeit: Die Industrialisierung der gesellschaftlichen Informationsverarbeitung und ihre Folgen                              | Privatheit und Quantifizierbarkeit. Organised by DFG-Graduiertenkolleg Privatheit. Universität Passau, Passau, Germany: 26.02.2015   | Jörg Pohle                             |
| Lecture/Talk: Get Them Involved: Motivational Strategies of Citizen Science Platforms  | General Online Research Conference. Organised by German Society for Online Research (DGOF). Cologne University of Applied Sciences, Cologne, Germany: 19.03.2015   | Kaja Scheliga                          |
| Panel: International Cultures of Creativity and Imitation  | Conference: DiGRA 2015: Diversity of Play. Organised by Leuphana Universität. Leuphana Universität, Lüneburg, Germany: 15.05.2015  | Lies van Roessel, Christian Katzenbach |
| Lecture/Talk: Investigating open innovation using business accelerators – A realist methodology  | ICQI – The Eleventh International Congress of Qualitative Inquiry (Session: "Constructing a New Critical Qualitative Inquiry"). Organised by University of Illinois at Urbana-Champaign. University of Illinois at Urbana-Champaign, Champaign-Urbana, USA: 23.05.2015 | Richter Nancy                          |
| Lecture/Talk: Communication Forms and Digital Technologies in the Process of Collaborative Writing   | 2nd International Conference on Internet Science (Session: Internet and Innovation). Organised by European Network of Excellence in Internet Science. Flagey, Brussels, Belgium: 29.05.2015  | Kaja Scheliga                          |
| Lecture/Talk: Monetizing user-generated content: Evidence from the German audio-visual industry  | EURAM 2015 conference (Session: Slot 3). Organised by Kozminski University, Galatasaray University, University of Economics in Katowice. Kozminski University ('Akademia Leona Kozminskiego'), Warsaw, Poland: 18.06.2015  | Urs Kind                               |
| Lecture/Talk: How the cognition of the entrepreneurial agent shapes a startup's business model development   | R&D Management Conference. Organised by Istituto di Management. Scuola Superiore Sant'Anna, Polo Piagge, Pisa, Italy: 25.06.2015   | Dopfer Martina, Sauer Roman            |
| Lecture/Talk: New Business Models for the Television Market – Challenges and Perspectives for TV Production Companies in the Era of Digitalization and Convergence | IAMCR 2015 (Session: Popular Culture Working Group). Organised by Université du Québec à Montréal. Université du Québec à Montréal, Montreal, Canada: 12.07.2015   | Lothar Mikos, Anett Göritz             |
| Lecture/Talk: Data Availability and Re-Use: Results from an Empirical Survey Among German Researchers  | European Survey Research Association. Organised by European Survey Research Association. Reykjavik, Reykjavik, Iceland: 15.07.2015   | Benedikt Fecher                        |
| Lecture/Talk: The Origins of the IGF: A Tale of Contingencies and Competing Claims to Power  | ECPR General Conference 2015 (Session: Panel 329: The Global Internet Governance Trajectory: Actors and States of Play). Organised by European Consortium for Political Research (ECPR). University of Montreal, Montreal, Canada: 29.08.2015                          | Jeanette Hofmann                       |

| EVENT ACTIVITY   | EVENT  | RESEARCHER                             |
|--|--|--|
| Lecture/Talk: Playing without Rules? Regulating Imitation and Innovation in the Games Industry   | Annual Conference: European Policy for Intellectual Property (EPIP) (Session: Creativity, Re-Use and Copyright). Organised by University of Glasgow / CREATE. University of Glasgow, Glasgow, UK: 03.09.2015   | Christian Katzenbach, Lies van Roessel |
| Lecture/Talk: You own your content, but... – Tracing changing notions of ownership over user content in social media platform policies | Media Trends 2015: Power and Media: Ownership, Sponsorship, Censorship (Session: Panel 8. Users and Consumers). Organised by Webster Vienna Private University's Media Communications department. Webster Vienna Private University, Vienna, Austria: 12.09.2015 | Kirsten Gollatz                        |
| Lecture/Talk: Bereitstellung und Nachnutzung von Forschungsdaten in den Geisteswissenschaften  | Forschungsdaten in den Geisteswissenschaften (Session: Forschungsdaten in den Geisteswissenschaften). Universität Hamburg, Hamburg, Germany: 16.09.2015  | Benedikt Fecher                        |
| Lecture/Talk: Creating connectivity: trust, distrust and social microstructures at the core of the internet                            | 2015 TPRC: 43rd Research Conference on Communications, Information and Internet Policy (Session: Innovation 1). Organised by TPRC. George Mason University, Arlington (VA), USA: 26.09.2015  | Uta Meier-Hahn                         |
| Lecture/Talk: Collaborative Writing in the Context of Science 2.0  | i-KNOW '15 (Session: Collaborative Writing in the Context of Science 2.0). Organised by Know-Center GmbH. Messe Congress Graz, Graz, Austria: 22.10.2015   | Kaja Scheliga                          |
| Lecture/Talk: Internet Governance: Constellations of trust and distrust  | GigaNet 10th Annual Symposium (Session: TRUST & ETHICS). Organised by Global Internet Governance Academic Network (GigaNet). Poeta Ronaldo Cunha Lima Conference Center, João Passoa, Brazil: 09.11.2015   | Jeanette Hofmann                       |

#### Selected invitations to academic lectures and panels

| EVENT ACTIVITY  | EVENT   | RESEARCHER                 |
|---|---|----------------------------|
| <b>International scope</b>  |   |                            |
| Lecture/Talk: The Contextual Dimension of Marco Civil da Internet   | Lecture: The Contextual Dimension of Marco Civil da Internet. Organised by University of Chile. Universidad de Chile, School of Law, Santiago, Chile: 07.01.2015  | Oswaldo Saldías            |
| Lecture/Talk: Creating connectivity: Social Processes at The Internet's Core  | ALPIS Symposium on Infrastructuring For The Common Good. Organised by University of Trento. Antica Vetreria, Carisolo, Italy: 13.02.2015  | Uta Meier-Hahn             |
| Lecture/Talk: New Regulatory Trends in the Protection of Personal Data  | Symposium: International Regulatory Trends on Personal Data Protection. Organised by Global Network of Interdisciplinary Internet & Society Research Centers (NoC). Global Network of Interdisciplinary Internet & Society Research Centers (NoC), Santiago de Chile, Chile: 14.03.2015 | Wolfgang Schulz            |
| Lecture/Talk: Kein Recht auf Vergessen – Die Google-Entscheidung des EuGH als Fehlentwicklung des Persönlichkeitsschutzes im Internet | Vortragsreihe ISL Lecture Series. Organised by Institut für IT-Sicherheit und Sicherheitsrecht, Universität Passau. Universität Passau, Passau, Germany: 25.03.2015   | Wolfgang Schulz            |
| Lecture/Talk: Empirical Results on Academic Data Sharing  | International Conference on Science 2.0. Leibniz Forschungsverbund Science 2.0, Hamburg, Germany: 26.03.2015  | Benedikt Fecher            |
| Lecture/Talk: New Business Models for Television: production and value-chains in the era of convergence                               | New Directions in Film & Television Production Studies (Session: Panel 5 (Waterside 2): Changing technologies and practices). Organised by Success in the film and television industries (SIFTI). Watershed Cinema, Bristol, United Kingdom: 14.04.2015                                 | Anett Göritz, Lothar Mikos |

| EVENT ACTIVITY  | EVENT   | RESEARCHER           |
|---|---|----------------------|
| Lecture/Talk: Towards the Digitization of Academic Research   | The 6th annual PhD Science Night. Organised by APPROVE – AMC Promovendivereniging. De Balie, Amsterdam, Netherlands: 17.04.2015   | Sascha Friesike      |
| Lecture/Talk: Orphan Video Games and the EU Directive on Orphan Works   | Save Game – Legal Challenges in Game Preservation. Humboldt Universität zu Berlin, Berlin, Germany: 22.04.2015  | Rike Maier           |
| Lecture/Talk: Competency Profiles for Internet-enabled Startups in Marketing and Sales: An Explanatory Qualitative Empirical Analysis | The WEI Business and Economics Academic Conference. Organised by Harvard University. Harvard University, Cambridge, USA: 08.06.2015   | Wrobel Martin        |
| Session lead/Workshop moderation: Chile, migración y diáspora en el siglo XXI   | Conference: I Simposio Interdisciplinario: Red de investigadores chilenos en Alemania. Chilean Embassy in Germany, Berlin, Germany: 03.07.2015  | Oswaldo Saldías      |
| Lecture/Talk: Urheberrecht und Technik am Beispiel von Hostingplattformen   | Versprechungen des Rechts: Dritter Kongress der deutschsprachigen Rechtssoziologie-Vereinigungen (Session: Urheberrecht – Technologie – künstlerische Produktion). Organised by Law and Society Institute Berlin, and others. Humboldt Universität zu Berlin, Berlin, Germany: 09.09.2015 | Rike Maier           |
| Session lead/Workshop moderation: Working Group: Research   | Conference: Annual Conference: Network of Chilean Researchers in Berlin. Goethe-Universität Frankfurt, Frankfurt, Germany: 01.10.2015   | Oswaldo Saldías      |
| Lecture/Talk: The Industrialization of Surveillance and the Limits of Community and Social Interaction Theories                       | Surveillant Antiquities and Modern Transparencies: Exercising and Resisting Surveillance Then and Now. Organised by Excellence Cluster Topoi. Excellence Cluster Topoi, Berlin, Germany: 18.10.2015   | Jörg Pohle           |
| Lecture/Talk: Creating Extraterritoriality in the Digital Age   | The Algorithmic State: Cyber Challenges to Democracy (Session: Security, Surveillance and Privacy). Organised by University of Haifa. Faculty of Law, Haifa, Israel: 10.12.2015   | Jeanette Hofmann     |
| <b>National scope</b>   |   |                      |
| Lecture/Talk: Governance durch Algorithmen? "Politics of Platforms" und die Ordnung des Netzes  | Vortragsreihe "Kollektives Handeln im Netz". Organised by Institut für Sozialwissenschaft, Abteilung Organisations- und Innovationssoziologie. Universität Stuttgart, Stuttgart, Germany: 13.01.2015  | Christian Katzenbach |
| Lecture/Talk: Offene Wissenschaft: Potenziale und Grenzen   | Universität der Künste, Winterschool: Grenzwertig. Organised by Master-Studiengang Gesellschafts- und Wirtschaftskommunikation. Universität der Künste, Berlin, Germany: 17.02.2015   | Kaja Scheliga        |
| Lecture/Talk: Lesen und gelesen werden: Über den Datenhunger der digitalen Gesellschaft   | Seniorenuniversität der Charité-Universitätsmedizin Berlin (Session: Lebensgrundlagen in einer sich wandelnden Welt). Organised by BERLINER AKADEMIE für weiterbildende Studien. Campus Virchow-Klinikum der Charité Berlin, Berlin, Germany: 08.04.2015                                  | Jeanette Hofmann     |
| Lecture/Talk: Big Data und Zweckbindung: Zweckbindung als Artefakt einer spezifischen Operationalisierung des Datenschutzes im Recht  | Big Data: Auf dem Weg in die Datendiktatur? Drittes Gedächtnissymposium für Wilhelm Steinmüller. Organised by Europäische Akademie für Informationsfreiheit und Datenschutz. Europäische Akademie Berlin, Berlin, Germany: 27.05.2015   | Jörg Pohle           |
| Lecture/Talk: Datendilemmata  | Symposium zu Datensicherheit und Persönlichkeitsschutz. Organised by Leopoldina Nationale Akademie der Wissenschaften. Reinhardtstraßen-Höfe, Berlin, Germany: 08.06.2015   | Jeanette Hofmann     |
| Lecture/Talk: Chancen und Grenzen des Offenen Zugangs zu Forschungsdaten  | VfS-Jahrestagung 2015 (Session: Ökonomische Entwicklung – Theorie und Politik). Organised by Verein für Sozialpolitik. University of Muenster, Muenster, Germany: 06.09.2015  | Benedikt Fecher      |

## PROMOTING UP-AND-COMING RESEARCHERS

### 1. Selected contributions to conferences

| EVENT ACTIVITY   | EVENT   | RESEARCHER                  |
|--|---|-----------------------------|
| Lecture/Talk: Creating connectivity: Social Processes at The Internet's Core   | ALPIS Symposium on Infrastructuring For The Common Good. Organised by University of Trento. Antica Vetreria, Carisolo, Italy: 13.02.2015  | Uta Meier-Hahn              |
| Lecture/Talk: Empirical Results on Academic Data Sharing   | International Conference on Science 2.0. Leibniz Forschungsverbund Science 2.0, Hamburg, Germany: 26.03.2015  | Benedikt Fecher             |
| Lecture/Talk: New Business Models for Television: production and value-chains in the era of convergence  | New Directions in Film & Television Production Studies (Session: Panel 5 (Waterside 2): Changing technologies and practices). Organised by Success in the film and television industries (SIFTI). Watershed Cinema, Bristol, United Kingdom: 14.04.2015                                   | Anett Göritz, Lothar Mikos  |
| Lecture/Talk: Orphan Video Games and the EU Directive on Orphan Works  | Save Game – Legal Challenges in Game Preservation. Humboldt Universität zu Berlin, Berlin, Germany: 22.04.2015  | Rike Maier                  |
| Lecture/Talk: Competency Profiles for Internet-enabled Startups in Marketing and Sales: An Explanatory Qualitative Empirical Analysis                              | The WEI Business and Economics Academic Conference. Organised by Harvard University. Harvard University, Cambridge, USA: 08.06.2015   | Wrobel Martin               |
| Lecture/Talk: Monetizing user-generated content: Evidence from the German audio-visual industry  | EURAM 2015 conference (Session: Slot 3). Organised by Kozminski University, Galatasaray University, University of Economics in Katowice. Kozminski University (Akademia Leona Kozminkskiego), Warsaw, Poland: 18.06.2015  | Urs Kind                    |
| Lecture/Talk: How the cognition of the entrepreneurial agent shapes a startup's business model development   | R&D Management Conference. Organised by Istituto di Management. Scuola Superiore Sant'Anna, Polo Piagge, Pisa, Italy: 25.06.2015  | Dopfer Martina, Sauer Roman |
| Lecture/Talk: New Business Models for the Television Market – Challenges and Perspectives for TV Production Companies in the Era of Digitalization and Convergence | IAMCR 2015 (Session: Popular Culture Working Group). Organised by Université du Québec à Montréal. Université du Québec à Montréal, Montreal, Canada: 12.07.2015  | Lothar Mikos, Anett Göritz  |
| Lecture/Talk: Urheberrecht und Technik am Beispiel von Hostingplattformen  | Versprechungen des Rechts: Dritter Kongress der deutschsprachigen Rechtssoziologie-Vereinigungen (Session: Urheberrecht – Technologie – künstlerische Produktion). Organised by Law and Society Institute Berlin, and others. Humboldt Universität zu Berlin, Berlin, Germany: 09.09.2015 | Rike Maier                  |
| Lecture/Talk: Creating connectivity: trust, distrust and social microstructures at the core of the internet  | 2015 TPRC: 43rd Research Conference on Communications, Information and Internet Policy (Session: Innovation 1). Organised by TPRC. George Mason University, Arlington (VA), USA: 26.09.2015   | Uta Meier-Hahn              |

### 2. Academic visibility and impact

| PUBLICATION  | RESEARCHER          |
|--|---------------------|
| Meier-Hahn, U. (2015). Creating connectivity: trust, distrust and social microstructures at the core of the internet. 2015 TPRC 43: Research Conference on Communication, Information And Internet Policy. Conference Proceedings. | Uta Meier-Hahn      |
| Leisterer, H. (2015). Die neuen Pflichten zur Netz- und Informationssicherheit und die Verarbeitung personenbezogener Daten zur Gefahrenabwehr. Computer und Recht, 665 – 670.   | Hannfried Leisterer |
| Fecher, B., Friesike, S., Hebing, M., Linek, S., & Saueremann, A. (2015). A Reputation Economy: Results from an Empirical Survey on Academic Data Sharing. DIW Berlin Discussion Paper, 1454.                                      | Benedikt Fecher     |

| PUBLICATION  | RESEARCHER                 |
|--|----------------------------|
| Grafenstein, M. v. (2015). Das Zweckbindungsprinzip zwischen Innovationsoffenheit und Rechtssicherheit – Zur mangelnden Differenzierung der Rechtsgüterbetroffenheit. Datenschutz und Datensicherheit – DuD, 39(12), pp 789 – 795.   | Maximilian von Grafenstein |
| Al-Ani, A., & Stumpp, S. (2015). Motivationen und Durchsetzung von Interessen auf kommerziellen Plattformen. Ergebnisse einer Umfrage unter Kreativ- und IT-Crowdworkern. (Motivations and Enforcement of Interests on Commercial Platforms: A Survey among Creative- and IT-Crowdworkers.). HIIG Discussion Paper Series, 2015(05). | Stefan Stumpp              |
| Meier-Hahn, U. (2015). Creating Connectivity: Trust, Distrust and Social Microstructures at the Core of the Internet. HIIG Discussion Paper Series, 2015(03).  | Uta Meier-Hahn             |
| Haase, A. (2015). Harmonizing substantive cybercrime law through European union directive 2013/40/EU – From European legislation to international model law? IEEE Explore Digital Library – First International Conference on Anti-Cybercrime (ICACC), 2015, 1 – 6.  | Adrian Haase               |
| Fecher, B., & Puschmann, C. (2015). Über die Grenzen der Offenheit in der Wissenschaft – Anspruch und Wirklichkeit bei der Bereitstellung und Nachnutzung von Forschungsdaten. Information – Wissenschaft & Praxis, 66(2-3), 146 – 150.  | Benedikt Fecher            |
| Maier, H. (2015). Games as Cultural Heritage – Copyright Challenges for Preserving (Orphan) Video Games in the EU. JIPITEC(2), 120 – 131.  | Henrike Maier              |
| Leisterer, H., & Schneider, F. (2015). Staatliches Informationshandeln im Bereich der IT-Sicherheit. Kommunikation & Recht, 681 – 688.   | Hannfried Leisterer        |
| Grafenstein, M. v., Schneider, E., Richter, N. (2015). MAUERSCHAU: A Mobile Virtual Museum – Postmodern Storytelling through Digital Media. Kultur und Informatik: Cross Media.  | Maximilian von Grafenstein |
| Fecher, B., Friesike, S., & Hebing, M. (2015). What Drives Academic Data Sharing? PLOS ONE, 10(2).   | Benedikt Fecher            |
| Fecher, B., & Wagner, G. (2015). Flipping journals to open: Rethinking publishing infrastructure. The RatSWD Working Paper Series.   | Benedikt Fecher            |
| Beha F., Göritz A., Schildhauer T. (2015). Business Model Innovation: the Role of Different Types of Visualizations. The XXVI ISPIM Conference – Shaping the Frontiers of Innovation Management.   | Anett Göritz               |
| Haase, A. (2015). Kongressbericht: Cyberkriminalität als internationale Herausforderung. Zeitschrift für Internationale Strafrechtsdogmatik, 2015(7-8), 422 – 425.   | Adrian Haase               |

### 3. Ratio of students who complete their doctoral thesis

Graduations starting in 2016.

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

### 1. Involvement in NoC events

| EVENT ACTIVITY   | EVENT  | RESEARCHER                       |
|--|--|----------------------------------|
| Lecture/Talk: New Regulatory Trends in the Protection of Personal Data | Symposium: International Regulatory Trends on Personal Data Protection. Organised by Global Network of Internet and Society Research Centers (NoC), Santiago de Chile, Chile: 14.03.2015   | Wolfgang Schulz                  |
| Discussion/Meeting   | Conference: Vision and Ideas for 2016/17 Annual Conference: Internet & Society: emerging topics and research communities. Organised by Global Network of Internet and Society Research Centers (NoC), Hong Kong Country Club, Hong Kong, China: 27.11.2015 | Wolfgang Schulz,<br>Felix Krupar |

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

| FELLOW/DATE/PROJECT PARTNER                                     | SHORT CV/HOME INSTITUTION   |
|---|---|
| Rebecca Kahn<br>31.05.2015 – 29.02.2016<br>Christian Katzenbach | Rebecca Kahn a PhD candidate in the Department of Digital Humanities at King's College, London. Her research examines the impact and effect of digital transformation on cultural heritage institutions, their documentation and internal ontologies. She also examines how national cultural heritage institutions negotiate, project and reinforce their national identity on the Web. Her undergraduate studies were completed in her native South Africa, and prior to beginning her research, Rebecca worked for several years in the Open Access and Free Culture movement, and has a particular interest in scholarly open access in the Global South, open education and peer learning online and open web literacy.<br>King's College London   |
| Sebastian Schwerner<br>30.06.2015 – 30.12.2015<br>Rike Maier    | Sebastian is PhD fellow at the Centre for Information and Innovation Law (CIIR) at University of Copenhagen. In his research project he analyses licensing arrangements and legislative developments related to streaming in the EU with focus on collective management. Besides, Sebastian is primarily interested in policy-related questions on copyright law and the Internet and intrigued by entrepreneurial approaches to law by means of automation, machine learning or AI. Sebastian has professional experience in working with technology startups and holds a M.Sc. degree from Copenhagen Business School and the University of Copenhagen (DK), as well as a law degree from Ludwig-Maximilians University (GER).<br>University of Copenhagen  |
| Jonas Kaiser<br>30.06.2015 – 30.12.2015<br>Robin P. G. Tech     | Jonas Kaiser is a PhD candidate at Zeppelin University Friedrichshafen in the Department of Political Communication. His doctoral research focuses on the role and relevance of science and scientific information within different online publics and how these publics are interconnected, both thematically and structurally. At HIIG, he aims to take a closer look at the somewhat fragile border between internal and external science communication. Jonas majored in Journalism and Communication Studies at the University of Hamburg. His research interests lie in the fields of science, environmental and digital communication.<br>Zeppelin University, Friedrichshafen   |
| Farzaneh Badiei<br>31.07.2015 – 31.01.2016<br>Osvaldo Saldias   | Farzaneh Badiei is a PhD candidate at the Institute of Law and Economics, Hamburg University, Germany. Farzaneh's research focuses on the institutional design of online private justice systems in commercial contexts. She is also interested in studying online intermediaries such as social networks and payment intermediaries and their justice systems, using a law and economics framework. She holds an LLB from Mazandaran University (Iran) and an LLM from Kingston University (United Kingdom). Farzaneh worked with the United Nations Internet Governance Forum for three years. She was also a visiting scholar at Syracuse University, US, working with the Internet Governance Project on various Internet governance issues. She has also published on online dispute resolution and e-commerce.<br>Hamburg University, Law and Economics |

## 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   | WMEDIUM/DATE   | RESEARCHER                                |
|---|--|---|
| Interview: E-Chile: Investigación & Desarrollo  | CNN, Chile (TV)<br>17.01.2015  | Oswaldo Saldías                           |
| Reference: Investor Peter Thiel. Nur wer anders denkt, ist wahrhaftig   | Die Welt (Online)<br>22.01.2015  | HIIG                                      |
| Interview: Das nächste große Ding Wie und Wo entsteht Innovation im Digitalen Raum  | Deutschland Radion Kultur (Breitband) (Radio)<br>24.01.2015                    | Jeanette Hofmann                          |
| Article: Top-Adresse für Berliner Gründer   | Berliner Morgenpost (Online)<br>26.01.2015                                     | HIIG                                      |
| Quote: Gleiches Netz für alle Amerika will Überholspuren für zahlungskräftige Anbieter im Internet verbieten. Soll auch die Bundesregierung einschreiten? | Frankfurter Allgemeine Sonntagszeitung (Print)<br>15.02.2015                   | Jeanette Hofmann                          |
| Interview: Treffpunkt Wissenswerte: Smarte Bürger für die digitale Welt   | rbb (Radio)<br>08.03.2015  | Thomas Schildhauer                        |
| Quote: Video-Streaming im Internet: Netflix-Chef ärgert sich über Ländergrenzen   | Spiegel Online (Online)<br>02.04.2015  | Wolfgang Schulz                           |
| Quote: Schlechte Klone zerstören die Marke  | ComputerBase (Online)<br>25.04.2015  | Lies van Roessel, HIIG                    |
| Interview: Berlin Unplugged / Berlin Desconectado   | Deutsche Welle (Online)<br>27.04.2015  | Oswaldo Saldías                           |
| Reference: Kampf der Spiele-Klonkrieger   | Frankfurter Allgemeine – Digital Twin, Das Netzweltblog (Online)<br>08.05.2015 | Christian Katzenbach,<br>Lies van Roessel |
| Reference: Türkei: Die Regierung zensiert sich das Netz zurecht   | ZEIT online (Online)<br>05.06.2015   | Internet Policy Review                    |
| Reference: So könnte Berlin das europäische Silicon Valley werden   | Der Tagesspiegel (Online)<br>09.06.2015  | HIIG                                      |
| Article: Medienrecht: Was muss Google wirklich löschen?   | Hamburger Abendblatt (Online)<br>25.06.2015                                    | Wolfgang Schulz                           |
| Article: 'Data-Sharing' in der Wissenschaft: Die Daten der anderen  | Neue Zürcher Zeitung (Online)<br>22.07.2015                                    | Benedikt Fecher                           |
| Interview: Totale Transparenz funktioniert nicht  | Die Welt (Online)<br>06.08.2015  | Wolfgang Schulz                           |
| Article: Wie Globalisierung und Technisierung Unternehmen betreffen   | Der Standard (Online)<br>30.08.2015  | Ayad Al-Ani                               |
| Article: Berliner Ideenskizze: Urheberrecht ohne 'geistiges Eigentum'   | Heise Online (Radio)<br>31.08.2015   | Jeanette Hofmann                          |
| Reference: Das Urheberrecht ist nicht übertragbar   | boersenblatt.net (Online)<br>02.09.2015  | Jeanette Hofmann                          |
| Article: Wir brauchen eine Lösung für den Alltag  | Berliner Zeitung (Print)<br>05.09.2015   | Max von Grafenstein                       |
| Interview: Breitband: Regulierter Hass  | Deutschlandradio Kultur (Radio)<br>19.09.2015                                  | Kirsten Gollatz                           |

| TITLE   | MEDIUM/DATE  | RESEARCHER        |
|---|--|-------------------|
| Interview: Datengutachten stärkt Rechte der EU-Bürger   | DRadio Kultur (Radio)<br>24.09.2015                      | Jeanette Hofmann  |
| Interview: Foodporn – Essensfotos ins Netz stellen  | Bayern 2 – orange – Lebensart (Radio)<br>25.09.2015      | Sascha Friesike   |
| Article: Wie viele Netze gibt es?   | Kulturaustausch (Print)<br>01.10.2015                    | Jörg Pohle        |
| Interview: Folgen des EuGH Urteils zum Safe-Harbor-Datenabkommen  | MDR Figaro (Radio)<br>05.10.2015                         | Wolfgang Schulz   |
| Interview: Aus der Garage zum Miliardär: Das Startup als moderner Mythos  | Zündfunk (Bayern2) (Radio)<br>08.10.2015                 | Steffen Tröger    |
| Interview: Triumph für den Nutzer? – EuGH erklärt Safe Harbor für ungültig  | Breitband, Deutschlandradio Kultur (Radio)<br>09.10.2015 | Jeanette Hofmann  |
| Quote: Kinder, Kinder! – Allen Protesten zum Trotz: Die URL .kinder gehört nun dem Süßigkeiten-Hersteller Ferrero. Darf man ein Wort wie 'Kinder' markenrechtlich nutzen? | Süddeutsche Zeitung (Online)<br>12.10.2015               | Jeanette Hofmann  |
| Interview: 3D-Druck: Hype oder Revolution?  | X:enius (arte) (TV)<br>15.10.2015                        | Hendrik Send      |
| Article: Denkräume schaffen Kreativität   | Capital Magazin (Online)<br>19.10.2015                   | Sascha Friesike   |
| Quote: Internet Governance Forum: Ten Years After   | Intellectual Property Watch (Online)<br>15.11.2015       | Jeanette Hofmann  |
| Interview: Karrieretrend Crowdworking: Wir versuche, die Schwächeren zu schützen  | Handelsblatt (Print)<br>05.12.2015                       | Ayad Al-Ani, HIIG |
| Reference: Digitale Hauptstadt – Das sind Müllers 10 Punkte für ein digitales Berlin  | Berliner Morgenpost (Print)<br>07.12.2015                | Jeanette Hofmann  |
| Interview: Zwischen Arbeitsglück und Ausbeutung: Gefühle als Wirtschaftsfaktor  | Deutschlandfunk (Radio)<br>23.12.2015                    | Ayad Al-Ani       |

## 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.183 – R.186.

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

| EVENT ACTIVITY  | EVENT  | RESEARCHER   |
|---|--|--|
| <b>International scope</b>  |  |  |
| Lecture/Talk: Knowledge Transfer between Berlin and Santiago  | Digital Summit 2015. Organised by Magical Startups. Hotel W, Santiago de Chile, Chile: 14.01.2015  | Osvaldo Saldías                                    |
| Lecture/Talk: The Sales and Marketing Clinic  | Digital Summit 2015. Organised by Magical Startups. Hotel W, Santiago de Chile, Chile: 14.01.2015  | Wrobel Martin                                      |
| Lecture/Talk: Data Protection between Innovation and the Rule of Law                                | Digital Summit 2015. Organised by Magical Startups. Hotel W, Santiago de Chile, Chile: 14.01.2015  | Maximilian von Grafenstein                         |
| Lecture/Talk: Innovation and Imitation in Game Development  | Digital Summit 2015. Organised by Magical Startups. Hotel W, Santiago de Chile, Chile: 14.01.2015  | Lies van Roessel                                   |
| Participating expert  | Workshop: Ranking Digital Rights. Organised by Ranking Digital Rights Project. Stiftung Neue Verantwortung, Berlin, Germany: 26.02.2015  | Kirsten Collatz                                    |
| Panel: 2015 APRU Business Off-Site The Internet in Asia looking ahead to 2015                       | Conference: 2015 APRU Business Off-Site The Internet in Asia looking ahead to 2015. Organised by Association of Pacific RIM Universities, Keio University's International Center for the Internet Society in cooperation with the National Bureau of Asian Research. Keio University's International Center for the Internet Society, Tokyo, Japan: 10.03.2015 | Wolfgang Schulz                                    |
| Lecture/Talk: Internet Governance: Constellations of trust and distrust                             | Expert Group Trust at Risk? Foresight on the Medium-Term Implications for European Research and Innovation Policies (TRUSTFORESIGHT) (Session: Workshop on Policy Recommendations). Organised by European Commission, Directorate General for Research and Innovation. Square Frère-Orban, Brussels, Belgium: 18.03.2015                                       | Jeanette Hofmann                                   |
| Participating expert  | Conference: 13th United Nations Congress on Crime Prevention and Criminal Justice. Organised by United Nations Office on Drugs and Crime. Conference Center Doha, Doha, Qatar: 11.04.2015  | Adrian Haase                                       |
| Panel: Copies, Clones and Genre Building – Innovation and Imitation practices in the Games Industry | Conference: Quo Vadis 2015. Create. Game. Business. Organised by International Games Week Berlin. Café Moskau, Berlin, Germany: 23.04.2015   | Lies van Roessel, Rike Maier, Christian Katzenbach |
| Lecture/Talk: From Pong to Flappy Bird – Copying and Genre Building in the Games Industry           | re:publica 2015. Station, Berlin, Germany: 05.05.2015  | Christian Katzenbach, Lies van Roessel             |
| Keynote: Internet Governance Dilemmas   | World Wide Web Conference 2015. Organised by Fortezza da Basso. Fortezza da Basso, Florenz, Italy: 20.05.2015  | Jeanette Hofmann                                   |
| Lecture/Talk: Business Model Innovation: the Role of Different Types of Visualizations              | XXVI ISPIIM Innovation Conference (Session: Business Models (SIG), Entrepreneurship, & Financing Innovation). Organised by ISPIIM. Budapest Marriot Hotel, Budapest, Hungary: 14.06.2015   | Frederike Beha, Anett Göritz, Thomas Schildhauer   |
| Lecture/Talk: MAUERSCHAU: A Mobile Virtual Museum – Postmodern Storytelling through Digital Media   | EVA Electronic Visualisation and the Arts (Session: Parallel session: Papers – Museum). Organised by The Chartered Institute for IT. The Davidson Building, London, United Kingdom: 09.07.2015   | Maximilian von Grafenstein                         |
| Lecture/Talk: Sales 101: Things you should consider when doing sales!                               | Lange Nacht der Startups. Organised by IHK Berlin. IHK Berlin, Berlin, Germany: 05.09.2015   | Martin Wrobel                                      |

| EVENT ACTIVITY   | EVENT  | RESEARCHER  |
|--|--|---|
| Lecture/Talk: Startups, Digitized Hardware, and the German Mittelstand   | IFA 2015. Messe Berlin, Berlin, Germany: 06.09.2015  | Robin P. G. Tech                                    |
| Panel: Evidence of Conspiracy  | Conference: Samizdata: Evidence of Conspiracy. Organised by Disruption Network Lab. Kunstraum Bethanien, Berlin, Germany: 11.09.2015   | Theresa Züger                                       |
| Lecture/Talk: How Trust and Distrust Among Networkers Shape Internet Connectivity  | 27th Euro-IX Forum. Organised by European Internet Exchange Association. Melia Hotel, Berlin, Germany: 27.10.2015  | Uta Meier-Hahn                                      |
| Discussion/Meeting   | Workshop: Transatlantic Digital Study Tour. Organised by German Marshall Fund. German Marshall Fund, Berlin, Germany: 01.11.2015   | Ingolf Pernice                                      |
| Participating expert   | Workshop: Discussion with a delegation of U.S. digital experts from business, media, and civil society. Organised by German Marshall Fund. German Marshall Fund, Berlin, Deutschland: 10.11.2015 | Ingolf Pernice                                      |
| Lecture/Talk: Exploring the regulatory conditions of internet interconnection – Preliminary survey results                                 | 71th RIPE Meeting (Session: Connect-WG). Organised by RIPE NCC. Remote presentation, Bucharest, Romania: 16.11.2015  | Uta Meier-Hahn                                      |
| <b>National scope</b>  |  |   |
| Session lead/Workshop moderation: Lean Project Management in digitalen Startups  | Conference: Deutschlands Zukunft gestalten durch Projekte. Organised by Bundesministerium für Wirtschaft und Energie. BMWi, Berlin, Germany: 22.01.2015  | Thomas Schildhauer, Nancy Richter, Tobias Schneider |
| Lecture/Talk: (Wie) bekomme ich die richtige StartUp Kultur in mein Unternehmen? Mythen und die Realität. Tradition trifft Digital Hipness | 21. Handelsblatt-Tagung Strategisches IT-Management. Organised by Handelsblatt. Hotel Sofitel Bayerpost, München, Germany: 26.01.2015  | Thomas Schildhauer                                  |
| Lecture/Talk: Die Vernetzung des Wertschöpfungsprozesses mit der Crowd   | VDI Fachtagung Industrie 4.0. Organised by VDI. Maritim Hotel, Düsseldorf, Germany: 29.01.2015   | Thomas Schildhauer, Ayad Al-Ani, Stefan Stump       |
| Participating expert   | Conference: Treffpunkt Wissenswerte: Smarte Bürger für die digitale Welt. Organised by Technologiestiftung Berlin, Info Radio. Rainmaking Loft, Berlin, Germany: 25.02.2015                      | Thomas Schildhauer                                  |
| Lecture/Talk: Datenschutz zwischen Innovationsoffenheit und Rechtssicherheit   | Google Launchpad. Organised by Google Launchpad. Google Launchpad, München, Germany: 06.03.2015  | Maximilian von Grafenstein                          |
| Lecture/Talk: The Importance of Sales for Startups   | Startup Institute. Organised by Startup Institute Berlin. Startup Institute Berlin, Berlin, Germany: 06.03.2015  | Wrobel Martin                                       |
| Panel: Was soll Medienregulierung in konvergenten Märkten leisten?   | Conference: Moderne Regulierung schaffen, Medienzukunft gestalten. Organised by Direktorenkonferenz der Landesmedienanstalten. dbb Forum Berlin, Berlin, Germany: 19.03.2015                     | Wolfgang Schulz                                     |
| Lecture/Talk: Aktualisierung des Rundfunkstaatsvertrags – Anpassung des Medienrechts an die aktuellen Herausforderung                      | Jahresempfang des Medienrates der Sächsischen Landesanstalt für privaten Rundfunk und neue Medien. Leipzig Marriott Hotel, Leipzig, Germany: 23.03.2015  | Wolfgang Schulz                                     |
| Panel: Vorstellung der Studie 'Das Bürger-Internet: Neutralität ist nicht genug' und Diskussion  | Conference: Das Bürger-Internet: Neutralität ist nicht genug. Organised by Netopia – Forum for the Digital Society. Haus der Kulturen der Welt, Berlin, Germany: 26.03.2015                      | Kirsten Collatz                                     |
| Lecture/Talk: Film meets IT-Veranstaltung  | Film meets IT 2015 (Session: Film meets IT-Veranstaltung). Organised by transfer media, media.connect brandenburg. Medieninnovationszentrum, Babelsberg, Germany: 26.03.2015                     | Urs Kind, Christoph Krachten, Christian Meinberger  |

| EVENT ACTIVITY  | EVENT   | RESEARCHER                 |
|---|---|----------------------------|
| Participating expert: Ökonomische Aspekte der Digitalisierung   | Hearing: Öffentliches Fachgespräch des Ausschusses Digitale Agenda des Deutschen Bundestages, Deutscher Bundestag, Berlin, Germany: 06.05.2015  | Robin P. G. Tech           |
| Lecture/Talk: MAUERSCHAU – Das Mobile Virtuelle Museum  | MAI Tagung – Museums and the internet (Session: BLOCK II: Den Außenraum erschließen). Organised by LVR-Fachbereich Kultur, LVR- Archivberatungs- und Fortbildungszentrum. DASA Arbeitswelt Ausstellung / Bundesanstalt für Arbeitsschutz und Arbeitsmedizin (BAuA), Dortmund, Germany: 11.05.2015   | Maximilian von Grafenstein |
| Lecture/Talk: Datendilemmata  | Symposium zu Datensicherheit und Persönlichkeitsschutz. Organised by Leopoldina Nationale Akademie der Wissenschaften. Reinhardtstraßen-Höfe, Berlin, Germany: 08.06.2015   | Jeanette Hofmann           |
| Lecture/Talk: Instrumente des Widerstands: Digitaler ziviler Ungehorsam                                     | Institut für Widerstand im Postfordismus. Organised by Label Müller. Vierte Welt, Berlin, Germany: 12.06.2015   | Theresa Züger              |
| Lecture/Talk: Staat und Gesellschaft als Partner der neuen offenen Wirtschaft                               | Wachstumschance Digitalisierung – Das 5. Weimarer Wirtschaftsforum. Organised by Ministerium für Wirtschaft, Wissenschaft und Digitale Gesellschaft. congress centrum neue weimarhalle, Weimar, Germany: 15.06.2015   | Ayad Al-Ani                |
| Lecture/Talk: Start-ups und der Innovationsstandort Deutschland   | Berliner Forum Politik – Wirtschaft. Organised by Münchener Gespräche. Tagesspiegel, Berlin, Deutschland: 25.06.2015  | Thomas Schildhauer         |
| Panel: Digitalisierung des Alltags  | Conference: BMBF Zukunftskongress. Organised by VDI/VDE Innovation + Technik GmbH; Projektträger für das Bundesministerium für Bildung und Forschung. Wasserturm, Berlin, Germany: 30.06.2015   | Thomas Schildhauer         |
| Lecture/Talk: aVoD Werbefinanziertes video on demand  | Linked Production Workshops 2015 (Session: Video on Demand – So stellen Sie ihren Content gewinnbringend auf geeignete Plattformen). Organised by transfer media. Humboldt Institut für Internet und Gesellschaft, Berlin, Germany: 01.07.2015  | Urs Kind                   |
| Lecture/Talk: In der Zukunft angekommen – Datenschutz in einer digitalen Welt                               | KITS-Konferenz 2015 (Session: Abschlussdiskussion). Organised by DIN Deutsches Institut für Normung e. V. DIN Deutsches Institut für Normung e. V., Berlin, Germany: 02.07.2015   | Maximilian von Grafenstein |
| Lecture/Talk: Internet Governance – Komplexe Strukturen, reflexive Prozesse und deren Legitimität           | Telemedicus Sommerkonferenz: Zwei Schritte vorwärts: Die Zukunft des Internetrechts (Session: Rough Consensus and Running Code). Organised by Telemedicus in Kooperation mit Internet & Gesellschaft Collaboratory, Hertie Stiftung, Alexander von Humboldt Institut für Internet und Gesellschaft, Humboldt Law Clinic Internetrecht, Hertie School of Governance, Berlin, Germany: 30.08.2015 | Kirsten Gollatz            |
| Panel: Female Tech Panel – We can do IT!  | Conference: Lange Nacht der Startups. Organised by DT Telekom, IHK. IHK Berlin, Berlin, Germany: 04.09.2015   | Martina Dopfer             |
| Lecture/Talk: Internet größter Spielplatz aller Zeiten? Über den Datenhunger der digitalen Gesellschaft     | 30. Berliner Sommer-Uni. Organised by Berliner Akademie für weiterbildende Studien e.V. UdK Berlin, Berlin, Germany: 04.09.2015   | Jeanette Hofmann           |
| Lecture/Talk: Internet-enabled Innovation – Kollektive Intelligenz als Motor für offene Innovationsprozesse | Digital Science Match (Session: Session 4 – Big Data). Organised by Tagesspiegel/ Die Zeit. Kosmos Berlin, Berlin, Germany: 06.10.2015  | Thomas Schildhauer         |
| Lecture/Talk: Gründe ein digitales Unternehmen  | deGut – deutsche Gründer- und Unternehmertage. Organised by IBB. Hangar 7 – Flughafen Tempelhof, Berlin, Germany: 09.10.2015  | Martina Dopfer             |

| EVENT ACTIVITY   | EVENT   | RESEARCHER         |
|--|---|--------------------|
| Keynote: Chancen wagen durch die digitale Transformation   | deGut – deutsche Gründer- und Unternehmertage (Session: Chancen wagen durch die digitale Transformation). Organised by IBB. Hangar 7 – Flughafen Tempelhof, Berlin, Germany: 09.10.2015 | Martina Dopfer     |
| Panel: Welche Chancen bietet Digitalisierung im Kontext des demographischen Wandels und der dadurch bedingten Herausforderungen für Gesellschaft und Wirtschaft? | Conference: FAZ Konferenz 'Das digitale Ich'. Organised by Frankfurter Allgemeine Forum/Bundesdruckerei. Atrium der F.A.Z. Hauptstadredaktion, Berlin, Germany: 14.10.2015              | Thomas Schildhauer |
| Lecture/Talk: Daten: Dilemmata der digitalen Gesellschaft  | 7. Engineering- und IT-Tagung: Das digitale Unternehmen – wo bleibt der Mensch? Organised by IG Metall. BMW-Group, Munich, Germany: 19.11.2015  | Jeanette Hofmann   |
| Lecture/Talk: Digitalisierung  | Meisterkreiskonferenz (Session: Digitalisierung). Organised by Meisterkreis. Hotel Adlon, Berlin, Germany: 24.11.2015   | Thomas Schildhauer |

## 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 |
| <b>1 500 000 €</b> |                       |            |                     |                         |

### 2. Acquisition of project funding

| FUNDING 2015     | BRIEF DESCRIPTION   | FUNDER  | DIRECTOR/RESEARCHER                                 | TIME FRAME              |
|------------------|---|---|---|-------------------------|
| 135 000 €        | Developement of Internet Entrepreneurship Research  | google/GFI  |   | 01.12.2012 – 31.12.2015 |
| 60 000 €         | 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 |
| 170 000 €        | Support on project: 'KORSE'   | University of Freiburg (BMBF)                     | Ingolf Pernice, Rüdiger Schwarz                     | 01.07.2013 – 30.06.2016 |
| 63 000 €         | Support on project: 'Wachstums Kern D-Werft – Verbundprojekt 5: Zukunftsforschung und Wissenstransfer; Erforschung zukünftiger sozialer und wirtschaftlicher Entwicklungen im A/V-Wirtschaftszweig' | BMBF  | Sascha Friesike, Thomas Schildhauer                 | 01.03.2014 – 28.02.2017 |
| 33 000 €         | Support on project: 'Wachstums Kern D-Werft – Verbundprojekt 4: Distributionstechnologien; Nutzerseitige Impulse zur Entwicklung von Geschäftsmodellen'   | BMBF  | Sascha Friesike, Thomas Schildhauer                 | 01.03.2014 – 28.02.2017 |
| 65 000 €         | Support on project: 'Wachstums Kern D-Werft – Verbundprojekt 3: Rechtsmanagement; Gesetzliche Voraussetzung für die Verwertung von Verwaisten Werken'   | BMBF  | Ingolf Pernice, Rüdiger Schwarz                     | 01.03.2014 – 28.02.2017 |
| 2 000 €          | Support on research: Multi Stakeholder Internet Governance  | ICANN   | Jeanette Hofmann, Wolfgang Schulz                   | 16.03.2014 – 27.02.2015 |
| 45 000 €         | Support on project: MOOCs & Knowledge base  | google  | Anna Hansch, Christopher Newman, Thomas Schildhauer | 01.03.2015 – 30.04.2015 |
| 5 000 €          | Support on the third Best Practice Sharing Event of the iLINC Network on 18 and 19 May 2015 in Berlin   | Queen Mary University London                      | Maximilian von Grafenstein, Wolfgang Schulz         | 18.05.2015 – 19.05.2015 |
| 21 000 €         | Support on project: User Innovation in the Energy Market  | RWE Stiftung                                      | Matti Große, Thomas Schildhauer, Hendrik Send       | 01.06.2015 – 31.05.2018 |
| 15 000 €         | Support on the research topic: 'Big data: big power shifts?'  | Vodafone Institute for Society and Communications | Frédéric Dubois, Wolfgang Schulz                    | 01.11.2015 – 30.04.2016 |
| <b>614 000 €</b> |   |   |   |                         |

### 3. Acquisition of project funding

| BRIEF DESCRIPTION  | FUNDER   | DIRECTOR/RESEARCHER   | TIME FRAME              |
|--|--|---|-------------------------|
| Cooperation: PhD candidate 'Business Models'; integrated in the HIIG doctoral programme  | HFF  | Anett Göritz  | 01.01.2013 – 31.12.2015 |
| Fellowship Benedikt Fecher   | DARIAH-DE                                      | Benedikt Fecher   | 01.09.2015 – 29.02.2016 |
| Funding Stipend Program for Doctoral Students for a 7 months research period at the GovernanceLab at the New York University, NY | DAAD German Academic Exchange Service          | Kirsten Gollatz   | 01.11.2015 – 31.05.2016 |
| Travel grant for participation at TPRC43 Conference, September 24 – 28, 2015, Arlington (VA), USA                                | DAAD German Academic Exchange Service          | Uta Meier-Hahn  | 24.09.2015 – 28.09.2015 |
| Cooperation: Project 'MOOCs & Knowledge Base'  | IHK zu Berlin                                  | Christopher Newman, Lisa Hillers, Anna Hansch   | 01.05.2014 – 31.03.2015 |
| Cooperation: Project 'Internet Policy Review'  | CREATE/University Glasgow                      | Frédéric Dubois, Uta Meier-Hahn   | 01.01.2014 – 31.12.2015 |
| Cooperation: PhD candidate 'Participation', integrated in the HIIG doctoral programme  | Hochschule Anhalt                              | Stefan Stumpp   | 01.09.2012 – 31.12.2015 |
| Cooperation: PhD candidate 'Open Science', integrated in the HIIG doctoral programme   | DIW  | Benedikt Fecher   | 01.09.2012 – 31.12.2015 |
| Travel and accommodation grant for participation at the Digital Summit 2015, Santiago de Chile                                   | Corfo, Chilean Agency for Economic Development | Lies van Roessel, Maximilian von Grafenstein, Martin Wrobel, Osvaldo Saldías, Rüdiger Schwarz | 05.01.2015 – 16.01.2015 |