

Agenda

WEDNESDAY MAY 27

9:30	Welcome coffee			
10:00	Opening session			
	Open Day introduction – <i>Thanassis Tiropanis</i> , Associate professor, University of Southampton, United Kingdom			
10:20	Highlights on Internet Science			
	<p>Chair: <i>Anna Satsiou</i>, Senior Researcher in the Informatics and Telematics Institute (ITI), Center for Research and Technology Hellas, Greece</p> <p>This session will present the Network of Excellence in Internet Science (EINS) main achievements about the understanding of Internet networks and their co-evolution with society, followed by the presentation of projects proposals of common interest in the field of Internet Science.</p> <ul style="list-style-type: none"> • Real time analysis and visualization of controversies around Wikipedia articles, EINS Open Call Project CONTROPEDIA - <i>Andreas Kaltenbrunner</i>, Scientific Director, Social Media Research Group, Barcelona Media, Spain • Interdisciplinary explorations of self-organisation in practice, EINS Open Call Project COMPARE - <i>Panayotis Antoniadis</i>, Senior Researcher, Communication Systems Group ETH Zürich, Switzerland • Cross-disciplinary Participation in Open Source Communities, EINS Open Call Project CPiOSC - <i>Wifak Gueddana</i>, Research Associate, Information Systems and Innovation Group, London School of Economics, United Kingdom • Virtual Communities, EINS JRA6 - <i>Chris Marsden</i>, Professor of Internet & Media Law, University of Sussex, United Kingdom • Emergence Theories and Design Methodologies, EINS JRA2 - <i>Clare Hooper</i>, Research Engineer, IT Innovation Centre, University of Southampton, United Kingdom • From Smart Cities to Engaged Citizens, 3rd EINS Summer School - <i>Anna Satsiou</i>, Senior Researcher in the Informatics and Telematics Institute (ITI), Center for Research and Technology Hellas, Greece 			
11:30	Introduction to Round Tables			
	<p>Chair: <i>Hugo Vivier</i>, Unit Manager, Emerging Technologies & Media, Sigma Orionis, France</p> <p>During this session, round tables chairs will present the main issues of the discussions held in their respective round table in order for participants to decide the round table they will join.</p> <ul style="list-style-type: none"> • Engaging citizens in the smart city project through DIY networking - <i>Panayotis Antoniadis</i> • Global Internet Governance Policy Architecture: Case studies and interdisciplinary research challenges - <i>Chris Marsden</i> • Internet Research Ethics: Striking a balance between conflicting interests - <i>Luce Jacovella, Bendert Zevenbergen</i> 			
12:30	Buffet lunch			
14:00	Parallel Round Tables (part 1)			
	Join a round table and take part in an open and interactive discussion session with topic experts. The three topics are detailed below.			
	<table border="0"> <tr> <td style="vertical-align: top;"> <p>Engaging Citizens in the smart city project</p> <p><i>Panayotis Antoniadis</i> (chair), Senior Researcher, Communication Systems</p> </td> <td style="vertical-align: top;"> <p>Global Internet Governance Policy Architecture: Case studies and interdisciplinary research challenges</p> <p><i>Chris Marsden</i> (chair), Professor of Internet & Media Law, University of</p> </td> <td style="vertical-align: top;"> <p>Internet Research Ethic</p> <p><i>Luce Jacovella</i> (chair), Research Coordinator at Centre for Commercial</p> </td> </tr> </table>	<p>Engaging Citizens in the smart city project</p> <p><i>Panayotis Antoniadis</i> (chair), Senior Researcher, Communication Systems</p>	<p>Global Internet Governance Policy Architecture: Case studies and interdisciplinary research challenges</p> <p><i>Chris Marsden</i> (chair), Professor of Internet & Media Law, University of</p>	<p>Internet Research Ethic</p> <p><i>Luce Jacovella</i> (chair), Research Coordinator at Centre for Commercial</p>
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2nd International Conference on Internet Science

27-29 MAY, 2015 - Flagey, Brussels

Group ETH Zürich, Switzerland, [Ileana Apostol](#), ETH Zurich and NetHood, Switzerland, [Katalin Hausel](#), unmonastery, Switzerland

Sussex, United Kingdom, [Alison Powell](#), Assistant Professor in Media and Communication, London School of economics and Political Science, United Kingdom, [Meryem Marzouki](#), Senior Researcher CNRS, France, [Ziga Turk](#), Professor, University of Ljubjana, Slovenia, [Kave Salamatian](#), Professor of Computer Science, University of Savoie, France, [Jonathan Cave](#), Senior lecturer in the Department of Economics, University of Warwick, United Kingdom, [Bendert Zevenbergen](#), Doctor of Philosophy student and Research Assistant, Oxford Internet Institute, United Kingdom

Law Studies, Queen Mary University of London, United Kingdom. [Bendert Zevenbergen](#) (chair), Doctor of Philosophy student and Research Assistant, Oxford Internet Institute, United Kingdom

15:30	Coffee break
16:00	Parallel Round Tables (part 2)
	One more hour to discuss the 3 main topics of this Open Day!
17:00	Round Tables Wrap up
	Chair: Athena Vakali , Professor, Aristotle University of Thessaloniki, Greece Each of the three round table chairs will present the main insights discussed in their session to all the audience.
18:30	Networking buffet dinner

THURSDAY MAY 28

9:30	Doors Opening
10:00	Opening
	Programme Introduction – Thanassis Tiropanis , Associate professor, University of Southampton, United Kingdom
10:10	Keynote speeches
	Chair: Thanassis Tiropanis , Associate professor, University of Southampton, United Kingdom
	<ul style="list-style-type: none"> • Security and Intelligence Activities: Shift from Espionage to Surveillance - Motohiro Tsuchiya, Global Security Research Institute (G-SEC), Keio University, Japan • Technology innovation and its legal implications - Andrea M. Matwyshyn, Legal Studies and Business Ethics Department, Wharton School, University of Pennsylvania, United States
11:10	Coffee Break
11:40	Session I – Internet Science in Reflection
	Chair: Jonathan Cave , Senior lecturer in the Department of Economics, University of Warwick, United Kingdom
	<ul style="list-style-type: none"> • A Disciplinary Analysis of Internet Science - Clare J. Hooper, Bruna Neves and Georgeta Bordea • Analysing an academic field through the lenses of Internet Science: Digital Humanities as a Virtual Community - Almila Akdag Salah, Andrea Schamhorst and Sally Wyatt • EINS Evidence Base: A Semantic Cataloguing for Internet Experimentation and Measurement - Xin Wang, Thanassis Tiropanis, Thanasis Papaioannou and Federico Morando • Living with Listening Services: Privacy and Control in IoT - Donald McMillan and Antoine Loriette
13:00	Buffet lunch
14:00	Session II – Internet Science and Societal Innovation
	Chair: Laura Sartori , Associate Professor, University of Bologna, Italy
	<ul style="list-style-type: none"> • Privacy and empowerment in connective media - Jo Pierson

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- **Engaging with Charities On Social Media: Comparing interaction on Facebook and Twitter** - *Christopher Phethean, Thanassis Tiropanis, Lisa Harris*
- **Empowering female-owned SMEs with ICT in selected Arab countries and Brazil** - *Mona Badran*
- **#CELEBGATE: Methodological approaches to the 2014 celebrity photo hacks** - *Rebecca Fallon*

15:30	Coffee break
16:00	Keynote speeches
<p>Chair: <i>Athena Vakali, Professor, Aristotle University of Thessaloniki, Greece</i></p> <ul style="list-style-type: none"> • Towards a new social compact for internet freedom- <i>Marietje Schaake, Member of the European Parliament for the Dutch Democratic Party, Netherlands</i> • Leveraging Internet/Web/Network Science(s) to address Grand Societal Challenges - <i>Noshir Contractor, Science of Networks in Communities (SONIC) Research Group, Northwestern University, United States</i> 	
17:10	Internet Science driving the development of Collective Awareness Platforms
<p><i>Fabrizio Sestini, EINS scientific officer, DG CONNECT, European Commission</i></p>	
17:40	Day 1 closing
<p>Closing remarks - <i>Thanassis Tiropanis, Associate professor, University of Southampton, United Kingdom</i></p>	
18:00	Networking cocktail

FRIDAY MAY 29

9:30	Doors opening
10:00	Keynote speeches
<p>Chair: <i>Anna Satsiou, Senior Researcher in the Informatics and Telematics Institute (ITI), Center for Research and Technology Hellas</i></p> <ul style="list-style-type: none"> • Who is a Data Controller? - <i>Marcelo Thompson, Law and Technology Centre at the Faculty of Law, The University of Hong Kong, Hong Kong</i> • Is the Internet the Internet? - <i>Christian de Larrinaga, Founder of the Internet Society, United Kingdom</i> 	
11:00	Coffee Break
11:30	Session III – Internet and Innovation
<p>Chair: <i>Franco Bagnoli, Researcher, University of Florence, Italy</i></p> <ul style="list-style-type: none"> • Communication Forms and Digital Technologies in the Process of Collaborative Writing - <i>Kaja Scheliga</i> • Ethics of personalized information filtering - <i>Ansgar Koene, Elvira Perez, Christopher James Carter, Ramona Statache, Svenja Adolphs, Claire O'Malley, Tom Rodden and Derek McAuley</i> • IAA: Incentive-based Anonymous Authentication Scheme in Smart Grids - <i>Zhiyuan Sui, Ammar Alyousef and Hermann de Meer</i> • Mediated community from an intergroup perspective: A literature review - <i>Vilma Lehtinen, Eeva Raita, Mikael Wahlström, Peter Peltonen and Airi Lampinen</i> 	
13:00	Buffet lunch
14:00	Emergent Interdisciplinary areas and the contribution of Internet Science (Panel discussion)
<p>Chair: <i>Thanassis Tiropanis, Associate professor, University of Southampton, United Kingdom</i></p> <p>This session is a panel discussion about the future of Internet Science and its distinct contribution. It is also about the expected contribution of Internet Science in the next 5 years and in Horizon 2020 as well as about synergies with Network Science, Data Science and Web Science.</p> <p>Panelists:</p> <p><i>Fabrizio Sestini, EINS scientific officer, DG CONNECT, European Commission</i> <i>Chris Marsden, Professor of Internet & Media Law, University of Sussex, United Kingdom</i> <i>Jonathan Cave, Senior lecturer in the Department of Economics, University of Warwick, United Kingdom</i> <i>Kave Salamatian, Professor of Computer Science, University of Savoie, France</i></p>	

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Laura Sartori, Associate Professor, University of Bologna, Italy

14:15 Best Student Paper Award

Chair: *Laura Sartori, Associate Professor, University of Bologna, Italy*

During this session, the best selected paper (co-)written by a student will be rewarded with a 500€ prize.

15:00 Closing remarks

Chair: *Thanassis Tiropanis, Associate professor, University of Southampton, United Kingdom*

15:30 Coffee break & open networking

ROUNT TABLES PRESENTATION

Engaging citizens in the smart city project through DIY networking

In this roundtable, we will explore a variety of methods from the fields of urban studies, urban interaction design, engineering, and computer science for empowering citizens to build understandings of the fast evolving hybrid space of their cities and collaborate to shape it according to their own values and objectives. We will focus on a special technology, Do-It-Yourself networking, which allows citizens to build their own local networks for supporting local interactions, outside the public Internet, using low-cost off-the-shelf hardware and wireless technologies. Such networks offer a rich set of special characteristics, such as the ownership and control of the whole design process; the de facto physical proximity of those connected without the need for disclosing private location information to third parties; the easy and inclusive access through the use of a local captive portal launched automatically and by default when one joins the network; the option for anonymous interactions; and the materiality of the network itself. These characteristics can be exploited by designers to build locally owned and customized ICTs, which can encourage participation, facilitate information sharing, and promote conviviality.

In his introductory talk, Panayotis Antoniadis will introduce the concept of DIY networking and how it has been used the last year as a boundary object to facilitate interdisciplinary interactions around the design of hybrid urban space. Then the roundtable will be divided in three parts:

- 1) Participants will be asked to provide their own description of the introduced concepts of DIY networking and hybrid space using the vocabulary of their own research field, and some situations in which they think that the use of such technology would make sense.
- 2) All together we will choose 2-3 case studies to work in smaller groups of people coming from different backgrounds (to the extent that it is possible) toward providing a complete DIY networking solution for the selected case study. (The work will include a coffee break when people will be encouraged to contact people from other groups).
- 3) We will gather again for 10min presentations from each group on their proposal, which will be followed by an open discussion.

This round table is organized by:

A computer scientist, *Panayotis Antoniadis (ETH Zurich)*, an urban planner, *Ileana Apostol (ETH Zurich)*, and an artist, *Katalin Hausel (unmonastery)*, who invite participants to:

- 1) Bring their own disciplinary or personal perspective in the study of hybrid space design using DIY networking, and
- 2) Work in groups to design a few simple urban interventions for different imaginary or actual situations.

Global Internet Governance Policy Architecture: Case studies and interdisciplinary research challenges

This session discusses emerging issues in Internet governance policy and research. Panel members introduce three topics of importance in relation to Internet policy and governance:

- 1) The role of new actors in Internet governance, including civil society actors, individuals participating in campaigns, and intergovernmental organizations;
- 2) The role of algorithmic regulation in relation to policy decision-making;
- 3) Challenges in inter-disciplinary analysis of regulation/governance including Internet measurement ethics.

Each of these topics is interrelated but also stands alone as a significant aspect of the transformation of the Internet governance and policy space.

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The thematic discussion proceeds from the assumption that Internet governance now involves a range of processes including the settling of disputes and creation of norms far from enforcement practices and regulatory discussions engaged in normal 'legitimate' legal forums. The question then arises as to how this governance might be mapped or understood – including through 'algorithmic regulation' – and what these new actors or processes might imply for further research on Internet governance and regulation. Participants will discuss the following topics, to be further discussed in roundtables to follow.

Alison Powell, Kave Salamatian and Meryem Marzouki will discuss the role of new actors in Internet governance. These actors are reshaping their own identity, moving from part of government sector to a stakeholder in itself, from periphery to core of Internet governance, crafting their roles via issue/policy entrepreneurship. The roles of intergovernmental organizations and other types of actors (including Civil Society; Citizens; Technical Community; Technical artefacts) will be contrasted. They base their discussion on case studies in JRA4 D4.3.

Ziga Turk and Jonathan Cave will discuss the interplay between algorithmic regulation of the Internet and algorithmic regulation of other societal aspects enabled also by big data. This includes policy and other complexities related to Internet governance, including modelling decision-making processes in cross-cutting governance domains. This is based on report D4.3.

Ben Zevenbergen and Chris Marsden will discuss future challenges in research on Internet governance and regulation, including Internet measurement ethics. It identifies the challenges that emerge from both multistakeholder and algorithmic regulation solutions. Marsden has used the inter-disciplinary insights from the Internet Science book 'Regulating Code' (2013, written with JRA5 leader Ian Brown) in a variety of settings, from net neutrality to social network regulation, to state surveillance and data protection. Zevenbergen has written about the ethics of Internet measurement, and the need for an interdisciplinary perspective that employs appropriate regulatory and ethical impact assessment.

Read the [EINS final report on regulation and governance](#)

This round table is organized by:

Chris Marsden, Professor of Internet & Media Law, University of Sussex, United Kingdom (chair)

Alison Powell, Assistant Professor in Media and Communication, London School of Economics and Political Science, United Kingdom

Meryem Marzouki, Senior Researcher CNRS, France

Ziga Turk, Professor, University of Ljubljana, Slovenia

Kave Salamatian, Professor of Computer Science, University of Savoie, France

Jonathan Cave, Senior lecturer in the Department of Economics, University of Warwick, United Kingdom

Bendert Zevenbergen, Doctor of Philosophy student and Research Assistant, Oxford Internet Institute, United Kingdom

Internet Research Ethics: Striking a balance between conflicting interests

Are you carrying out research on Internet networks and users? This round table will discuss new and old ethical dilemmas that researchers are facing when developing Internet research projects.

Without any doubt, Internet research is a ductile and essential aspect of both private and public research and at the core of many business models and governmental activities. However, often invasive methodologies and research designs for the collection and processing of data in online experiments, challenge existing ethical principles and procedures. The massive scale of research online and the enormous market for users data and metadata demands for a new approach. Can ethics enable sound scientific research and innovation?

The roundtable will discuss concrete examples brought by the participants, and will identify ethically and scientifically sound approaches, methodologies and procedures to solve common problems.

The aim is to consider ethical issues from the perspective of the researchers, as well as Internet users and other data subjects. Some of the issues that will be addressed are: consent, legitimate interest, private/public research, censorship, value sensitive design, data protection, research ethics governance. If you have specific projects that you would like to discuss during this workshop, please send a summary to l.jacovella@qmul.ac.uk and bendert.zevenbergen@oii.ox.ac.uk **before 8 May 2015**.

This round table is organized by:

Luce Jacovella, Research Coordinator at Centre for Commercial Law Studies, Queen Mary University of London, United Kingdom (chair)

Bendert Zevenbergen, Doctor of Philosophy student and Research Assistant, Oxford Internet Institute, United Kingdom (chair)