



# PROGRAMME

## Cyberspace 2016



XIV. International conference organized by the Faculty of Law  
in cooperation with the Faculty of Social Studies, Masaryk University  
and the European Academy of Law and ICT

November 25<sup>th</sup>–26<sup>th</sup>, 2016, Brno, Masaryk University

### November 25<sup>th</sup>, University Cinema Scala, Morauske namesti 3, Brno

12:00 – 14:00	Registration
14:00 – 14:30	Opening notes by Marketa Selucka, Dusan Nauratil, Radim Polcak & Joseph A. Cannataci
14:30 – 15:15	The Internet and the global reach of EU law Keynote by Christopher Kuner
15:15 – 15:45	Panel discussion
15:45 – 16:15	Coffee break
16:15 – 17:00	Intruders in our personal publics: nightmare readers on social media Keynote by Andra Siibak
17:00 – 17:30	Panel discussion
17:30 – 20:00	Reception

### November 26<sup>th</sup>, Faculty of Law, Ueveri 70, Brno

9:00 – 9:30	Registration
9:30 – 11:00	Parallel streams (Cybersecurity, cybercrime; eCommerce, eFinance; Government 2.0; Data Protection & Privacy Impact Assessments (special track organized by d.pia.lab – UUB–LSTS); Psychology of Cyberspace; Privacy and Surveillance)
11:00 – 11:15	Coffee break
11:15 – 12:45	Parallel streams (Cybersecurity, cybercrime; eCommerce, eFinance; International Internet Law; Smart Cities (special track); Psychology of Cyberspace; Privacy and Surveillance)
12:45 – 13:45	Lunch
13:45 – 15:15	Parallel streams (Cybersecurity, cybercrime; Ideas for Cyberspace; International Internet Law; New Media and Politics; Psychology of Cyberspace; Privacy and Surveillance)
15:15 – 15:30	Coffee break
15:30 – 17:00	Parallel streams (Intellectual Property On–Line; Legal Informatics (special track); International Internet Law; New Media and Politics; Religion in Cyberspace; Video Games and Society)
17:00 – 17:15	Coffee break
17:15 – 18:45	Parallel streams (Research Data and Open Data (special track); New Media and Society; Video Games and Society (special stream))
19:00	Conference dinner (upon a special registration – not included in the conference fee) – Restaurant Sborouna, Botanická 1, Brno

## Opening Keynote



Prof. **Joseph A. Cannataci** was appointed UN Special Rapporteur on the right to privacy in July 2015. He is the Head of the Department of Information Policy & Governance at the Faculty of Media & Knowledge Sciences of the University of Malta. He also holds the Chair of European Information Policy & Technology Law within the Faculty of Law at the University of Groningen, where he co-founded the STeP Research Group. An Adjunct Professor at the Security Research Institute and the School of Computer and Security Science at Edith Cowan University Australia a considerable deal of his time is dedicated to collaborative research. He was overall co-ordinator for the SMART and RESPECT projects, dealing with surveillance and currently also co-ordinates MAPPING dealing with Internet Governance. A UK Chartered Information Technology Professional & Fellow of the British Computer Society, he also continues to act as Expert Consultant to a number of international organisations. He has written books and articles on data protection law, liability for expert systems, legal aspects of medical informatics, copyright in computer software and co-authored various papers and textbook chapters on self-regulation and the Internet, the EU Constitution and data protection, on-line dispute resolution, data retention and police data.

## Keynote speakers

Dr. **Christopher Kuner** is professor of law at the Vrije Universiteit Brussel (VUB) in Brussels, Belgium, and co-director of the Brussels Privacy Hub, a legal research centre at the VUB. He is also an affiliated lecturer at the University of Cambridge and a Visiting Professor at the London School of Economics and Political Science. The author of numerous books and articles, Dr. Kuner is editor-in-chief of the law journal *International Data Privacy Law* published by Oxford University Press. He has participated in the work of numerous international organizations, and has taught courses at the summer session of the Hague Academy of International Law and at the Summer School of the Academy of European Law in Florence.



Dr. **Andra Siibak** is a Professor of Media Studies and the Program Manager of the Media and Communication Doctoral Program at the Institute of Social Studies, University of Tartu, Estonia. She has also worked as a post-doc for Södertörn University and been a visiting scholar in the Aarhus University and Masaryk University. Her main field of research has to do with the opportunities and risks surrounding young people's internet use, social media usage practices, intergenerational relationships on social media, new media audiences and privacy. She has published more than 60 peer reviewed papers on the topics surrounding young people's practices online; e.g. self-presentation on social media; teacher/parental mediation of young people's internet use; privacy strategies and imagined audiences on social media, touch-screen usage of toddlers, digital literacies, etc. She has been a member of various international research projects and networks (e.g. EU Kids Online) and acted as expert consultant on Estonia for different projects initiated by the European Parliament and European Commission. In 2015 she was awarded the Young Scientist Award by the President of Estonia.

# November 26<sup>th</sup>, Faculty of Law, Ueвери 70, Brno

9:00 – 9:30 Registration

9:30 – 11:00 Parallel streams

## Cybersecurity, cybercrime – Room 214

chaired by **Václav Stupka, Jakub Harašta**

**Cristobal Bocos,**  
**Katia Tsironi &**  
**Eugenio Mantovani** The security of electronic medical records - Lessons from the IRIS project

**Ilona Stadnik** International cybersecurity regime: what is it and how can be achieved?

## eCommerce, eFinance – Room 215

chaired by **Zsolt Balogh, Libor Kyncl**

**András Márton** Trade Secret in the European Union and the United States

**Asim Jusic** Will Compliance with the Risk-Based Approach to Regulation of Anti-Money Laundering Stifle Fintech?

## Government 2.0 – Room 109

chaired by **Ludwig Gramlich**

**Jacek Gołaczyński** Impact of informatization on access to justice in the European Union

**Eva Fialová** Algorithmic decision making in judicial proceedings

**Berenika Kaczmarek-Templin** The impact of European Regulation No 910/2014 on electronic identification and trust services for electronic transactions in the internal market on national judicial (civil) proceedings

**Anna Kościótek** Informatization of civil proceedings in Poland with respect to principle of its publicity

**Pavel Loutocký** ICANN: What a Global Future of internet Governance?

## Data Protection & Privacy Impact Assessments – Room 208

(special track organized by **d.pia.lab - VUB-LSTS**) chaired by **István Böröcz**

**Raphael Gellert &**  
**Niels van Dijk** Addressing issues with DPIA methodologies: What can we learn from law?

**Dariusz Kloza &**  
**István Böröcz** Impact assessment in the European Union's new data protection law

**Paul Quinn** The Potential for Impact Assessments in Projects Related to eHealth and mHealth

## Psychology of Cyberspace – Room 209

chaired by **David Šmahel**

**Dmitri Rozgonjuk,**  
**Anna-Kati Pahker &**  
**Karin Täht** The Relationships between Facebook Usage Dimensions and Personality Traits

**Martijn Burger &**  
**Efstratia Arampatzi** The Heterogeneous Relationship between Social Network Sites and Subjective Well-Being: What Kind of Use Fits What Kind of People?

**Felix Reer &**  
**Nicole C. Krämer** Social compensation or rich-get-richer effect? Modeling the connection between introversion and social capital outcomes of playing World of Warcraft

**Cory Robinson** No Exchange, Same Pain, No Gain: Risk-Reward of Wearable Healthcare Disclosure of Health PII for Enhanced Pain Treatment

## Privacy and Surveillance – Room 025

chaired by **Aleš Završnik**

**Rolf-Dieter Kargl &**  
**Alexander Czadilek** Law Enforcement by Design

**Primož Križnar** Bitcoin: an obstacle to the effective criminal investigation?

**Liva Rudzite** Processing of biometrical data in comparison with rights to privacy of an individual

11:00 – 11:15

Coffee break

11:15 – 12:45

Parallel streams

## Cybersecurity, cybercrime – 214

chaired by **Václav Stupka, Jakub Harašta**

**Tuomas K. Tiihonen** Interplay of European Union competences in cyber security  
**Ethan S. Burger** Cyber-Psychology: Combating the Insider Threat

## eCommerce, eFinance – 215

chaired by **Zsolt Balogh, Libor Kyncl**

**Pieter Van Cleynenbreugel** Heading in the wrong direction? The Commission's Geoblocking proposal and the future of EU eCommerce regulation  
**Koji Takahashi** Bitcoin Ownership Dispute in the Aftermath of MtGox's Bankruptcy  
**Denisa Jindřichová** Developments of cybersecurity on financial market

## International Internet Law – 109

chaired by **Dan Jerker B. Svantesson**

**Michael Bogdan** The New EU Rules on Electronic Insolvency Registers  
**Dan Jerker B. Svantesson** The Microsoft warrant case – jurisdiction, data privacy and law enforcement access to cloud data  
**Ulf Maunsbach** Innovative Private International Law  
**Michał Wojdała** Evidence of the electronic medical records in crossborder proceedings - selected issues

## Smart Cities – 208

(special track) chaired by **Jakub Míšek**

**Lukáš Hoder** Smart Cities, Smart Grids and Big Data: Is there any room left for privacy?  
**František Kasl** Security Risks Hidden behind Fragmented Progression towards "Smart Cities"  
**Dariusz Kloza & Niels van Dijk** Assessing the European Approach to Privacy and Data Protection in Smart Grids. Lessons for Emerging Technologies

## Psychology of Cyberspace – 209

chaired by **David Šmahel**

**Daniel le Roux & CJ Thomson** Failing to Detach: The emergence of the 'always on' culture and how individuals cope with blurred work-home boundaries  
**Birgit Ursula Stetina, Armin Klaps, Zuzana Kovacovsky & Jan Aden** Is this the end of the (fantasy) world as we know it? Multiplayer Online Battle Arenas (MOBAs) versus Massively Multiplayer Online Role Playing Games (MMORPGs)  
**Masoomeh Taghaddosi & Mohammad Ali Mazaheri** A Comparative study on the ways people face moral situations in real and virtual worlds  
**Jakub Remiar** How to use Virtual Reality in Psychology

## Privacy and Surveillance – 025

chaired by **Aleš Završnik**

**Lina Jasmontaite, Serge Gutwirth, Gloria Gonzalez-Fuster & Paul de Hert** Incorporating EU Data Protection Principles in Incident Notification under the Network Information Security Directive  
**Adrienn Lukács** To Post, or Not to Post – That is the Question: Why Do Employees Use Facebook and Why Does the Employer Monitor It  
**Jillisa Bronfman** I'm Ready for My Close-Up, Mr. Spielberg: Creating a Working Model for Data Security and Personal Privacy in the Use Case of Unmanned Aerial Systems (UAS) in Film and Video Game Production

12:45 – 13:45

Lunch

13:45 – 15:15

Parallel streams

## Cybersecurity, cybercrime – 214

chaired by **Václav Stupka, Jakub Harašta**

<b>Dániel Eszteri &amp; István Zsolt Máté</b>	Identity Theft in the Virtual World: Analysis of a Copyright Crime in Second Life from Legal and IT Forensics Point of View
<b>Sarah Markiewicz</b>	Cybersecurity Law : join reading of the ISO 27001 norm, the NIS Directive and the French RGS
<b>Walter Hötendorfer, Christof Tschohl &amp; Rolf-Dieter Kargl</b>	The implications of the NIS Directive on CSIRTs

## Ideas for Cyberspace – 215

chaired by **Herbert Hrachovec, Radim Polčák**

<b>Damian Klimas</b>	Marco Civil da Internet as a perfect (?) regulation of Internet
<b>Jakub Harašta</b>	Technology neutrality - single concept or mythical beast?
<b>Tomáš Abelovský</b>	Beyond a digital doubt: lucky chance in the cyberspace
<b>Navid Khazanei</b>	First amendment's homesickness, second amendment's homecoming: militia as "501(c)," arms as "code"

## International Internet Law – 109

chaired by **Dan Jerker B. Svantesson**

<b>Ravinder Kumar</b>	Cyber Defamation in India
<b>Anabela Susana de Sousa Gonçalves</b>	Choice-of-court agreements in electronic international contracts
<b>Veronika Křížová</b>	The Future of International Business in the Light of GDPR and Modernization of the EU Copyright

## New Media and Politics – 208

chaired by **Alena Macková**

<b>Robert Imre</b>	Populism and New Media: Hungary and Finland
<b>Norbert Merkovity</b>	Trump and Others: The Emergence of Attentionbased Politics
<b>Michal Kus</b>	Citizen journalism in Poland: actors and structures

## Psychology of Cyberspace – 209

chaired by **David Šmahel**

<b>Piergiovanni Mazzoli &amp; Aurora Bobocea</b>	Net Addiction in Preadolescence and its Prevention
<b>Lukáš Blinky &amp; Anna Janů</b>	Parental factors in adolescents' excessive internet use
<b>Ondřej Ostrovský &amp; Šárka Licehammerová</b>	Dissociation among online players - case studies of live online gamblers

## Privacy and Surveillance – 025

chaired by **Aleš Završnik**

<b>Michal Czerniawski</b>	Territorial scope of the EU data protection regime in the age of an equipment-based society
<b>Aleš Završnik</b>	"Algorithmic cops": introduction to big data policing
<b>Jan Tomíšek</b>	Data transfers in cloud computing: does GDPR change the game?
<b>Jakub Míšek</b>	Built-in filters in the Personal data protection system

15:15 – 15:30

Coffee break

15:30 – 17:00

Parallel streams

## Intellectual Property On-Line – 214

chaired by **Andreas Wiebe, Matěj Myška**

<b>Aurelija Lukoseviciene</b>	The changing concept of “author” in the context of EU copyright law
<b>Martina Kotyková</b>	Protection of graphical user interface, sequence of snapshots and animated icons
<b>Michaela MacDonald</b>	Copyright Implications of Creative Uses of Video Games

## Legal Informatics – 215

(special track) chaired by **Erich Schweighofer**

<b>Jakub Harašta, Matěj Myška, Pavel Loutocký, Jakub Míšek, Michal Malaník, Markéta Klusoňová, Monika Hanych &amp; Jaroslav Šavelka</b>	Citation analysis - understanding the citations in the Czech law
<b>Bernhard Waltl, Thomas Reschenhofer &amp; Florian Matthes</b>	Tool-supported Collaborative Design of Semantic and Executable Models from Normative Texts

## International Internet Law – 109

chaired by **Dan Jerker B. Svantesson**

<b>Tereza Kyselovská</b>	The Hague Conference “Judgments Project” and Principles on Choice of Law in International Commercial Contracts – “old wine in a new bottle” for online contracts?
<b>Anna-Maria Osula</b>	Notifying the other state about remote search and seizure: obligation or politeness?
<b>Nicholas J. Gervassis</b>	From Delphi to DELFI – part 2: The Developing European jurisprudence in View of MTE v Hungary

## New Media and Politics – 208

chaired by **Monika Metyková, Jakub Macek**

<b>Tonatiuh Lay</b>	The criminalization of the on line social protest in Mexico
<b>Zuzana Pešťanská &amp; Magdaléna Petrjánošová</b>	Social media and birth narratives: From sharing intimate experience to human rights activism
<b>Monika Hanych</b>	Image of the Czech Contemporary Constitutional Court’s Judges in Online Media

## Religion in Cyberspace – 209

chaired by **Vít Šisler**

<b>Seyedehbehnaz Hosseini</b>	Religious practice of Ezidis survivors in Facebook
<b>Monika Marta Przybysz</b>	Christian mobile applications as a communicative tool of the Catholic Church
<b>Józef Kloch</b>	Transgressing the Boundaries. The Creative Use of the Net Based on Real and Virtual Activity of the Churches
<b>Vít Šisler</b>	Who is Listening to Your Fatwas? Social Network Analysis of Islamic Sites’ Audiences on Facebook

## Video Games and Society – 025

chaired by **Cyril Brom, Zdeněk Záhora**

<b>Birgit Ursula Stetina, Natalie Rodax, Serkan Sertkan, Armin Klaps, Zuzana Kovacovsky &amp; Helmut Hlavacs</b>	“Purpose”: Approaching Racism and Sexism within a Survival Serious Game
<b>Kateřina Lukavská Vítězslav Slíva</b>	Immediate and longterm effects of time perspective on online gaming Computer Game Interface and Anthropologic Methods in Virtual Worlds

17:00 – 17:15 Coffee break

17:15 – 18:45 Parallel streams

## Research Data and Open Data – 215

(special track) chaired by **Michal Koščík**

<b>Matěj Myška</b>	Defining scientific research: a necessary prerequisite for application of the respective copyright and sui generis rights exceptions
<b>Daniela Procházková</b>	Implementation of the Database Directive: Lack of Bravery?
<b>Märten Veskimäe</b>	Uptake of large e-services: example of e-prescribing adaption patterns in Estonia using system log data

## New Media and Society – 208

chaired by **Jakub Macek**

<b>Tomáš Karger</b>	Frictionless Distribution and Community Building: The dual meaning of sharing in free and open source software
<b>Bianca Balea, Anca Velicu &amp; Monica Barbovschi</b>	Adolescent's perception and awareness of personal data misuse. Qualitative data of the project Friends 2.0
<b>Åsa Borgström</b>	Young people with intellectual disabilities and social media – a systematic review

## Video Games and Society – 025

(special stream) chaired by **Cyril Brom, Zdeněk Záhora**

**Discussion** How to teach game studies and game development in the Czech Republic (and beyond)

19:00 – 22:30 Conference dinner (upon a special registration – not included in the conference fee) – Restaurant Sborouna, Botanická 1, Brno