



PROGRAMME

Cyberspace 2021

MUNI

XIX. 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 26th – 27th, 2021, Brno, Masaryk University

November 26th, Faculty of Law, Uveřní 70, Brno

14:00 – 15:00	Registration
15:00 – 15:15	Opening Notes
15:15 – 16:00	Glocalized Social Media Cultures Keynote by Natalia Waechter
16:00 – 16:30	Panel discussion
18:00 – 22:00	Reception at Oteurená zahrada, Údolní 33, Brno, www.oteurenazahrada.cz

November 27th, Faculty of Law, Uveřní 70, Brno

9:00 – 9:30	Registration
9:30 – 11:00	Parallel streams (International Internet Law; Law: Privacy and Personal Data; Psychology of Cyberspace; Internet and Society; Law: Government 2.0, eJustice; Artificial Intelligence in Financial Services (special track) – Presentations of abstracts)
11:00 – 11:15	Coffee break
11:15 – 12:45	Parallel streams (Medical Data; Law: Privacy and Personal Data; Psychology of Cyberspace; Internet and Society; Law: eCommerce, Digital Single Market; Artificial Intelligence in Financial Services (special track) – Academic position)
12:45 – 13:45	Lunch
13:45 – 15:15	Parallel streams ("State of exception", COVID style. Legal theory & IT implementation; Law: Privacy and Personal Data; Psychology of Cyberspace; Law: Cybersecurity, Cyber-Warfare; Law: eCommerce, Digital Single Market; Artificial Intelligence in Financial Services (special track) – International approaches to regulation of AI in financial services)
15:15 – 15:30	Coffee break
15:30 – 17:00	Parallel streams (Law: Intellectual Property On-Line; Legal Informatics; Law: Cybersecurity, Cyber-Warfare; Usable Security and Privacy; Artificial Intelligence in Financial Services (special track) – National approaches to regulation of AI in financial services and development of innovation)
17:00 – 17:15	Coffee break
17:15 – 18:45	Parallel streams (Law: Intellectual Property On-Line; Artificial Intelligence in Financial Services (special track) – Presentations of abstracts)
19:15	Conference dinner at Flames grill pub & restaurant, Uveřní 113, Brno, www.flames-grill.cz/en/

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November 26th, Faculty of Law, Ueueří 70, Brno

Keynote speaker

Natalia Waechter



Prof. Natalia Waechter is a tenure track professor in Social Pedagogy at the University of Graz, Austria, Department of Educational Science. Her research focuses on generations, young people and young adults, digitalization and social inequalities, identity, migration as well as international quantitative and qualitative studies. She is partner and project leader (at the Ludwig-Maximilian University, Munich, Germany) in the ongoing EU research project ySKILLS (2020-2023) investigating digital skills of young people. Her most recent book is *The Construction of European Identity among Ethnic Minorities. 'Euro-Minorities' in Generational Perspective* (Routledge). She is editorial board member of the *Austrian Journal of Sociology* (Springer), *Emerging Adulthood* (Sage), and *Youth and Globalization* (Brill).

Glocalized Social Media Cultures

The presentation provides an overview and a detailed insight into current social media cultures by presenting and discussing four phenomena of social media which are essential for young people today: Instagram (on beauty and lifestyle), digital games (on communities and real money micro-transactions), TikTok (on children producing and sharing video-selfies), and political activism on Facebook and YouTube (Facebook-revolution; online demonstration of Friday for Future). Thereby it covers phenomena in which different age groups of young people are predominately engaged, from late childhood (TikTok) to emerging adulthood (political activism). The term "glocalized" refers to the increased rate of interconnectivity of local communities with the rest of the world and the interplay of global and local trends. The presentation will show how the discussed social media cultures share their "glocalized" character – globally connected but locally specified – but it also detects a trend towards globalized networks of production, distribution and consumption.

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November 27th, Faculty of Law, Uveřní 70, Brno

9:00 – 9:30 Registration

9:30 – 11:00 Parallel streams

International Internet Law – Room 025

chaired by **Dan Jerker B. Svantesson**

Dan Jerker B. Svantesson	Data localisation and sovereignty
Anabela Susana de Sousa Gonçalves	Jurisdiction in cross-border infringement of personality rights
Marek Swierczynski	Jurisdiction in Internet defamation lawsuits

Law: Privacy and Personal Data – Room 030

chaired by **Jakub Míšek, Bettina Bacher**

Nina Gumzej	Challenges in the assessment of delisting requests in the aftermath of the GC and Others judgment (C-136/17)
Céilan Hirsch	Be aware of the data breach notification
Jan Klouda	Privacy compliance in latest judicial practice
Dániel Eszteri	Blockchain and AI: Connection two distinct technologies to comply GDPR's data protection by design principle

Psychology of Cyberspace – Room 034

chaired by **David Šmahel, Hana Macháčková**

Nino Gugshvili, Karin Täht, Dmitri Rozgonjuk, Maris Raudlam, Robert AC Ruiter, Philippe Verduyn	Two Dimensions of Problematic Smartphone Use Mediate the Relationship Between Fear of Missing Out and Emotional Well-Being
Tsameret Ricon, Michal Dolev Cohen	Young Adults sexts (YA's)- A correlation between Sexting use, Moral judgment and Emotional regulation.
Michal Dolev Cohen, Tsameret Ricon	Modern talking: Parent-child dysfunctional communication about sexting
Ugnė Paluckaitė, Kristina Žardeckaitė-Matulaitienė	Adolescents' intention and willingness to engage in photo disclosure on social networking sites: the comparison of neutral and problematic photo disclosure

Internet and Society – Room 038

chaired by **Jakub Macek, Iveta Jansová**

Kinga Sorbán	The regulation of pornographic content in Europe – is the current law fit to tackle contemporary issues?
Thomas Roessing, Jakob Henke, Lisa Barbara König, Nils Makritzki, Hannah Schmidt, Michael Steinbrecher	Journalists and digital media – the case of Germany
Jisang Lee, Dongjoo Choi, Wongi Choi, Gyungsang Lee, Hyungyung Kim, Jaehee Kim, Bongeon Seo, Sujin Han, Jongik Lee, Juhan Park, Hyunkyu Lee, Sunyoung Lee, Yeojin Kim, Jiwon Choi	A Study on Policy and Practical Implications for Prevention of Youth Cyber Violence

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Law: Government 2.0, eJustice – Room 133

chaired by **Ludwig Gramlich, Pavel Loutocký**

Robert Müller-Török, Miroslav Fecko, Alexander Prosser, Silvia Rucinska	COVID-19 Vaccination Strategies – A critical comparison of the IT systems and digital tools used in Austria, Germany and Slovakia within the overall government policy framework
Jan Mazur, Maria Patakyova ml., Barbora Gramblickova, Matej Kacaljak	Regulation of Social Media Platforms: Towards a Holistic Regulatory Approach
Krystyna Rogala	Electronic enforcement of real estate in Poland - comparative legal analysis
Saisha Singh	Policing using technology during COVID-19: The case of India
Pavel Loutocký	European Digital Identity and its Promises

Artificial Intelligence in Financial Services (special track)

Presentations of abstracts – Room 136

chaired by **Alex Ivančo, Joseph Lee**

Anna Wyszeccka	Robo-advisory applications – possible to be fully automated?
Alexander Roland Szívós	AI and financial literacy
Alessio Azzutti	The Limits of the EU MAR/MAD Enforcement Regime in Deterring Market Manipulation by AI Trading
Tamás Bicskei, Gergely Rideg	Liability for the use of artificial intelligence in financial markets and regulations in Europe

11:00 – 11:15 Coffee break

11:15 – 12:45 Parallel streams

Medical Data – Room 025

chaired by **Walter Hötendorfer**

Kamil Szpyt	Civil liability for medical errors committed during cross-border telemedicine treatments
Federica Casarosa	Internet of Medical Things : is the EU legal framework effective to guarantee cybersecurity and data protection?

Law: Privacy and Personal Data – Room 030

chaired by **Jakub Míšek, Bettina Bacher**

Matúš Mesarčík	Transparency of remote biometric identification systems in the EU law: Solving the unresolved problem?
Nimród Mike	Privacy Preserving Biometric Authentication (PPBA)
Gergely László Szóke	Health Data & scientific research – how some 24-year-old national provisions may fit the GDPR
Laura Słocka	Should we process neurodata based on data subject's consent? – validity of consent in neurotechnology on the ground of the GDPR.

Psychology of Cyberspace – Room 034

chaired by **David Šmahel, Hana Macháčková**

Lucija Vejmelka, Miroslav Rajter, Roberta Matković	Impact Of Covid 19 At Online Behaviours Of Croatian Adolescents: Research Of Internet Habits And Cyberbullying
Jana Blahošová, Michal Tkaczyk, David Šmahel	Gender differences in online conversation topics and self-disclosure: Content analysis of Czech adolescents' instant messaging conversations
David Lacko, Hana Macháčková	The Influence of Online Advertising on Adolescents' Perceived Credibility of Information Related to the Fitness/Dietary Supplements

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Hana Drtilová, David Šmahel, Martina Šmahelová

Advantages and Disadvantages of Internet Use: The Perspective of Women with Eating Disorders Experience

Internet and Society – Room 038

chaired by **Jakub Macek, Iveta Jansová**

Christine Trültzsch-Wijnen, Ana Jorge, Ranjana Das

The Role of Digital Media in Parent Networks

Sascha Trültzsch-Wijnen

Children's use of digital media during covid-19 in Austria and across Europe: Results of the European research project KiDiCoTi

Marie Oldfield, Ella Haig

Belief Systems and Cyber Security

Law: eCommerce, Digital Single Market – Room 133

chaired by **Pavel Loutocký**

Attila Menyhárd

Platforms' liability for defects of goods and services

Iga Małobęcka-Szwast

Competition in the digital advertising sector – time to change the rules of the game?

Kamila Brylak-Hudyma

Trusted flaggers

Artificial Intelligence in Financial Services (special track)

Academic position – Room 136

chaired by **Alex Ivančo, Joseph Lee**

Clara Martins Pereira

Does the new EU strategy for AI adequately address the systemic risk created by AI FinTech?

Vincenzo Bavoso

Reconceptualising financial intermediation in the age of fintech

Aline Darbellay

The Role of Algorithm-Driven Information Gatekeepers in the Financial Markets

Antonios Karaikos

Artificial Intelligence and Financial Services in Japan: Focusing on Consumer Protection Issues

Manuela Geranio

Data Production by Market infrastructures and AI developments

Joseph Lee

Regulating AI in financial services industry: An access to finance perspective

12:45 – 13:45

Lunch

13:45 – 15:15

Parallel streams

"State of exception", COVID style. Legal theory & IT implementation – Room 025

chaired by **Herbert Hrachovec, Andreas Kirchner**

Saisha Singh

Policing Using Technology During Covid-19: The Case of India

Herbert Hrachovec

The Fake Pandemic Emergency

Andreas Kirchner

Privacy and Security in Covid Tracing Apps

Law: Privacy and Personal Data – Room 030

chaired by **Jakub Míšek, Bettina Bacher**

Melchiorre Monaca, Angela Busacca

Social network Services are really free of charge? Brief reflection on Italian Council of State sentence n. 2631/2021

Tihomir Katulić

Institutional and Systemic Challenges to Data Protection - Updating the National GDPR Implementation Act

Isadora Neroni Rezende

Purpose Limitation and Smart Cities: Investigating (In)Compatibility Scenarios in Public-Private Sector Interplays

Attila Kiss

Position and tasks of a DPO – in theory and according to their self-assessments

Psychology of Cyberspace – Room 034

chaired by **David Šmahel, Hana Macháčková**

Hayriye Gulec, Nikol Kvardová, David Šmahel

The Roles of Trust, E-health Literacy and Parental Influence in Online Health Information-Seeking Behaviors of Adolescents

Partners



**Visu-Petra, Silvia
Bocáňeť, Vlad I. Bocáňeť,
Mateja Radojkovič**

Individual Predictors Of Identity Theft In Social Media: Attitudes Towards Lies, Impression Management Strategies And High Callous Unemotional Traits

**Michal Božík, Kateřina
Lukavská, Jaroslav
Vacek, Ondřej Hrabec,
Michaela Slussareff,
Martina Píšová, David
Kocourek, Lucie
Svobodová, Roman
Gabrhelík**

Measuring parental behavior towards child's use of media and screen-devices: the development and psychometrical properties of Media Parenting Scale for Parents of School-aged Children

**Martina Píšová, Kateřina
Lukavská, Jaroslav
Vacek, Ondřej Hrabec,
Michal Božík, Michaela
Slussareff, David
Kocourek, Lucie
Svobodová, Roman
Gabrhelík**

The impact of parental Technoference on child use of screens

Law: Cybersecurity, Cyber-Warfare – Room 038

chaired by **Václav Stupka**

Jarosław Greser

Cybersecurity of medical AI systems

**Tamas Szadeczky, Zsolt
Bederna, Zoltan Rajnai**

Strategic analysis of cybersecurity incidents

Nynke Vellinga

The EU Legal Framework on Cybersecurity in Vehicles: Beyond Technical Vehicle Regulations

Jozef Andraško

Proposal for a NIS 2 Directive. A step forward?

Law: eCommerce, Digital Single Market – Room 133

chaired by **Pavel Loutocký**

Francesca Gennari

Liability for home IoT standards. Are things finally moving on?

**Seyedeh Sajedah Salehi,
Marco Giacalone**

Consumers, Small Claims, and the Pursuit of Justice: A post-COVID Mediation Perspective

Pedro Dias Venâncio

Artificial Intelligence & Fair Competition

Artificial Intelligence in Financial Services (special track)

International approaches to regulation of AI in financial services – Room 136

chaired by **Alex Ivančo, Joseph Lee**

Mattias Levin

Within broader context Digital Finance Strategy, outline EU approach to regulation AI and supervision in financial services

Marco Enriquez

Natural Language Processing (NLP) for Financial Regulation

Iota Nassr

Highlights of the OECD report "Artificial Intelligence, Machine Learning and Big Data in Finance" (2021)

Marcus Tsai

AI related regulations and Sandbox in Taiwan

15:15 – 15:30

Coffee break

15:30 – 17:00

Parallel streams

Law: Intellectual Property On-Line – Room 025

chaired by **Andreas Wiebe, Matěj Myška**

Roman Bieda

AI system - the scope of the term and possibility of protection under intellectual property law

Radim Charvát

Are Non-Fungible Tokens useful for Copyright Protection?

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Legal Informatics – Room 034

chaired by **Erich Schweighofer, Jakub Harašta**

Adrienn Lukacs	Artificial intelligence and anti-discrimination: towards equality during recruitment?
Tereza Novotná	Multilayered application of different court decisions retrieval methods and their evaluation
Angela Bussaca, Melchiorre Monaca	Using AI for justice: principles and criteria of EU “Ethics Charter on the use of AI in judicial systems”

Law: Cybersecurity, Cyber-Warfare – Room 038

chaired by **Václav Stupka**

Jakub Vostoupal	The legal aspect of cyber-attribution: Dead or alive?
Rafael Prabucki	How much about cybersecurity and cyberwarfare should a post-graduate lawyer know?
Anna-Maria Osula	EU’s Common Position on International Law and State Behaviour in Cyberspace
Anna Golikova	Multidimensional approaches to regulation of cyber conflicts
Monika Palotai	Law and order on the Cyber Battlefield

Usable Security and Privacy – Room 133

chaired by **Vashek Matyas, Lydia Kraus**

Martin Ukrop, Pavol Žáčik, Vashek Matyas	Assessing Real-World Applicability of Redesigned Developer Documentation for Certificate Validation Errors
Katarína Galanská, Kamil Malinka	Usable Security from IT Professional’s Perspective
Vojtěch Jelínek	The usage of multi-factor authentication amongst university students

Artificial Intelligence in Financial Services (special track) National approaches to regulation of AI in financial services and development of innovation – Room 136

chaired by **Alex Ivančo, Joseph Lee**

Valérie Hoess	AI and Innovation in Financial Services – Implications for market structure and regulation
Dominik Freudenthaler	The Regulatory Sandbox in Austria
Anikó Szombati	AI in Finance - opportunities and risks
Tomáš Olexa	Regulation of AI from a supervisor’s perspective

17:00 – 17:15 Coffee break

17:15 – 18:45 Parallel streams

Law: Intellectual Property On-Line – Room 025

chaired by **Andreas Wiebe, Matěj Myška**

Laura Grisales Rendón	Algorithmic transparency and trade secrets
Zoltán Gyurász	(Artificially) Intelligent Authors – Legal and Ethical challenges
Phillip Homar	Liability of Online-Platforms and Filehosting Services – Implications of the CJEU decision YouTube / Cyando

Artificial Intelligence in Financial Services (special track) Presentations of abstracts – Room 136

chaired by **Alex Ivančo, Joseph Lee**

Paweł Szczęśniak	The problem of qualifying sales revenues on online auction portals according to Polish regulations and jurisprudence
Nadia Pocher	Self-hosted Cryptocurrency Wallets and the 2021 EU AML Package
Jan Hospes,	Exchange of Information on Cryptoassets under DAC 8 – Scope & Data Protection

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Christof Tsohl,
Walter Hötendorfer,
Sebastian Schneider

Seyedeh Sajedah Salehi,
Marco Giacalone

Walking on the Edge of Reality and Virtuality: Dispute Resolution in Cryptocurrency Transactions and Users' Rights

19:15

Conference dinner at Flames grill pub & restaurant, Ueueří 113, Brno,
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