

# Programme (<https://ifip-summerschool.github.io/programme/>)

Times indicated are Central European Summer Time - CEST (Berlin, Germany)

A PDF Version of this page is available: here: [Programme.pdf](#)

## Tuesday, 30.08.2022

---

**9:00 - 9:15 Opening**

**9:15 - 10:15 Keynote: Christian Buggedei**

*How to build organisations for privacy-friendly solutions*

**10:15 - 10:30 Break**

**10:30 - 12:00 Session: Privacy and User Perception**

Session Chair: Joachim Meyer

Vera Schmitt

*Influence of Privacy Knowledge on Privacy Attitudes in the Domain of Location-Based Services*

Abaylay Satybalay

*Usability Evaluation of SSI Digital Wallets*

Eva Pöll, Marco Hünseler

*Promises and Problems in the Adoption of Self-Sovereign Identity Management from a Consumer Perspective*

**12:00 - 12:45 Break** Virtual Lunch

**12:45 - 13:45 Workshop**

Yannic Meier

*Raising awareness for privacy risks and supporting protection in the light of digital inequalities*

**13:45 - 14:00 Break**

**14:00 - 15:00 Session: Data Protection Information**

Session Chair: Joachim Meyer

Emre Kocyigit

*Towards Assessing Quality Attributes of Dark Patterns in Cookies Consent Processes*

Olga Gkotsopoulou

*Accessibility statements and data protection notices: what can data protection law learn from the concept of accessibility?*

## Wednesday, 31.08.2022

---

### **9:00 - 10:00 Keynote: Welde Tesfay**

*Empowering end users' privacy-related decision making with ML-enabled PETs*

### **10:00 - 10:15 Break**

### **10:15 - 11:45 Session: Data Protection Regulation**

Session Chair: Felix Bieker

Weiqiang Wang

*Reforming Intermediary Liability in the Digitized Platform Economy*

Muhammed Demircan

*Digital Markets Act and GDPR: Making Sense of the Data-Sharing Provisions*

### **11:45 - 12:30 Break Virtual Lunch**

### **12:30 - 13:30 Tutorial**

Arianna Rossi

*Getting out of the ethico-legal maze of social media data scraping*

### **13:30 - 13:45 Break**

### **13:45 - 14:45 Keynote: Mary Shnayien**

*On privacy, (digital) media and reproductive rights in a post-Roe America*

## Thursday, 01.09.2022

---

### **9:00 - 10:00 Workshop**

Simone Fischer-Hübner, Marit Hansen, Meiko Jensen and Ano Nymous

*Privacy-Enhancing Technologies and Anonymization in Light of GDPR and Machine Learning*

**10:00 - 10:15 Break**

**10:15 - 11:45 Session: Privacy and Machine Learning**

Session Chair: Ina Schiering

Shokofeh Vahidiansadegh, Lena Wiese

*Ecual: a cybErseCurity platform for biclustering ALgorithms*

Yuping Yan

*KDDP: A Practical and Privacy-Preserving Scheme for Federated Learning*

Pablo Trigo Kramcsák

*Data governance and lawfulness of personal data processing for AI development*

**11:45 - 12:30 Break Virtual Lunch**

**12:30 - 13:30 Workshop**

Jesús García-Rodríguez, David Goodmann and Stephan Krenn

*Privacy-Preserving Industry Applications - From Research to Industry*

**13:30 - 13:45 Break**

**13:45 - 14:45 Session: Differential Privacy**

Session Chair: Ina Schiering

Michael Khavkin, Eran Toch

*Selecting Personal Differential Privacy Budget: A Simulated Analysis*

Dmitry Prokhorenkov

*Compliance implications and security objectives from the Differential Privacy and GDPR focus*

## Friday, 02.09.2022

---

**9:00 - 10:00 Keynote: Os Keyes**

*Participation before Data: Historicising Trans Counterpower*

**10:00 - 10:15 Break**

**10:15 - 11:15 Session: Privacy, Ethics and Identity**

Session Chair: Charles Raab

Catherine Yue

*Privacy and Ethical Concerns of Brain-Computer Interfaces*

Ana Fernandez Inguanzo

*The relation between privacy, data protection and identity*

**11:15 - 11:30 Break**

**11:30 - 12:30 Workshop**

Murat Karaboga, Michael Friedewald, Frank Ebbers and Greta Runge

*What is there to criticize about voice, speech and face recognition?*

**12:30 - 13:00 End of event remarks and outlook for next year**

## Keynotes

---

**Os Keyes - Participation before Data: Historicising Trans Counterpower**



**Abstract:** In an era increasingly characterised by the hype around (and fear of) big data, notions of both participatory data practices and data counterpower are increasingly discussed. Both are valuable, but both are seen as relatively novel and untested. Are they? In this talk I will contextualise the idea of democratic data engagement and the use of data to “talk back” to those in power within the history of transgender (“trans”) medicine. Demonstrating the long historic arc of these practices - an arc that starts before modern AI - I will discuss what lessons can be learned from the successes and failures of early digital trans activism.

**Os Keyes** ([Website \(https://ironholds.org/\)](https://ironholds.org/)) is a researcher and writer at the University of Washington. Their work focuses on questions of gender, disability, technology and power, with a particular interest in machine learning, biomedicine and the intersection thereof. An inaugural Ada Lovelace Fellow, their work has been published in CSCW, CHI, *Cultural Studies* and a range of media venues, including *Vice*, *Wired* and *Logic* magazines.

**Dr. Welderufael B. Tesfay - Empowering end users' privacy-related decision making with ML-enabled PETs**



**Abstract:** Over the last decades, the advancement of the Internet and the digital services built on the Internet infrastructure have dramatically changed the way people interact with each other as well as the way they execute daily activities. This new dynamism forces users to generate large amounts of data. While such a huge amount of data is useful in a number of fields, such in medical research, it also poses unprecedented threats for user's privacy. In this talk, we will explore the application of machine learning techniques to build privacy preserving tools. Such tools empower the user in making informed-privacy related decisions, by also considering the user's regulatory rights to privacy and informational self-determination.

**Welderufael** (aka Welde) is a Senior Researcher in information privacy and security at the Chair of Mobile Business & Multilateral Security at Goethe University Frankfurt am Main. He holds a Ph.D. degree in computer science from Goethe University Frankfurt, a Master of Science in Computer Science and Engineering with specialization in Mobile Systems from Luleå University of Technology, and Bachelor of Science in Computer Science and Engineering from Mekelle Institute of Technology (MIT-Tigray). His research lays at the 'symbiosis' of user-centric approaches to information privacy protection, data protection regulations (e.g., the EU GDPR), and applied machine learning & NLP techniques. He endeavors to design and develop "intelligent" tools that empower the user in making informed privacy-related decisions regarding sensitive information disclosures by also taking the user's regulatory rights into account. Additionally, since 2013, he has been working in various security and privacy related projects funded by the European Commission.

**Dr. des. Mary Shnayien - On privacy, (digital) media and reproductive rights in a post-Roe America**



**Abstract:** On June 24, 2022, the Supreme Court of the United States of America overruled Roe v. Wade, thereby ending the constitutional right to abortion. As Roe v. Wade was rooted in the right to privacy, its overturning sparked a discussion about whether anyone the state deems to be responsible for childbirth not only loses their right to have an abortion, but their right to privacy in a broader sense. My talk will contextualize these discussions in respect to the history of privacy and media, as well as examine viral advice on safeguarding one's privacy online, such as deleting period tracking apps as means of protection against hostile legislation.

**Mary Shnayien** is a postdoctoral researcher associated with the Institute for Media Studies at Ruhr University Bochum and member of the DFG Research Network /Gender, Media and Affect/. She holds a PhD in media studies and comes from a background of theatre, media and gender studies. Her dissertation "Die unsicheren Kanäle. Negative und queere Sicherheit in Kryptologie und Informatik" will be published with /transcript/ this fall and focuses on the history and mediality of concepts of security in cryptology, IT security, and queer activism. Other research areas include digital cultures, economies, and infrastructures, as well as political affects and the intersections of media, gender, and race.

**Christian Buggedei - How to build organisations for privacy-friendly solutions**



**Abstract:** One of the key challenges is to manage the different stakeholders: There Private citizens who don't want to have their privacy compromised. Then there are corporations that rely on access to that same data for their business models. And there is society, represented by governments and regulators, with their own overarching needs and interests. polypoly has split up into three independent entities: A citizen-owned cooperative, a corporation, and a foundation. Christian Buggedei explains the vision of polypoly and how this split ensures that everyones interests are fairly represented.

**Christian Buggedei** has more than 20 years of IT experience across all industries from the plumbing business around the corner to large public institutions. He is currently Product Owner at polypoly, a cooperative for all European citizens working on a new infrastructure for the data economy.