

Programme - Innovating for Privacy

First Day, Friday April 3rd

First Session - Privacy and data ownership, present and future in a Big Data world

17:00 - 17:30 Welcoming, P. Stathopoulos

17:30 - 18:20 Aral Balkan, Keynote, The Camera Panopticon

Aral Balkan (<https://aralbalkan.com>) is the founder and lead designer of [Ind.ie](<https://ind.ie>), a social enterprise creating independent alternatives to Spyware2.0] (<https://aralbalkan.com/notes/spyware-2.0>). Aral's work protects fundamental freedoms, human rights, and democracy by creating independent consumer technologies that don't spy on you. He is the author of the [Ind.ie Manifesto] (<https://ind.ie/manifesto>). He is currently working on coding the core of the Ind.ie platform, a beautiful distributed social network called [Heartbeat] (<https://ind.ie>). Aral blogs at [aralbalkan.com](<https://aralbalkan.com>) and tweets at [@aral](<https://twitter.com/aral>).

18:20 - 18:30: Discussion

18:30 - 19:00 Dr Konstantinos Papapanagiotou, Your most valuable asset: your users' data

Dr Konstantinos Papapanagiotou has more than 10 years of experience in the field of Information Security both as a corporate consultant and as a researcher. He has provided information security consulting services to large organizations in Greece, Cyprus, Balkans and the Middle East. He has been involved with the Open Web Application Security Project for nearly 10 years now, leading the OWASP Greek Chapter and the Hackademic Challenges Project. He also organized the OWASP AppSec Research 2012 conference. Konstantinos hold a BSc and PhD from the University of Athens and an MSc in Information Security from Royal Holloway, University of London.

19:00 - 19:10 Discussion

19.10 - 19.30 Break

Second Session - Privacy and data ownership, best practices and technology enablers

19:30 - 20:00 Marie Gutbub, Connect. Organize. Resist.

Marie Gutbub is a journalist and activist based in Berlin. She is currently working on a PhD on the subject of online journalism and writes about privacy issues for various publications in France and in Germany. She also organises CryptoParties and works on improving understanding and communication between privacy movements and the general public.

20.00 - 20.30 Georgia Kontesidou, Momentum.im the peer to peer mobile app for owning your life moments.

Georgia is a professional Software Engineer who decided that the current platforms, closed or open, don't meet her standards for sharing precious life moments. Leading a tiny team of volunteers, she decided to implement in her own time a mobile app that fits her needs. Momentum.im, is currently under development.

20.30 - 21.00 Markus Sabadello, RDF and XDI for a decentralized web of data. (through videoconference)

Markus has been working on technologies for user-centric identity and personal data for many years. He was an early participant of the Federated Social Web effort, and contributes to other idealistic initiatives such as the FreedomBox. Markus has also worked with semantic web technologies such as RDF and XDI, and is interested to explore how they can help realize the concept of a "personal cloud".

21.00 Drinks and informal discussion

Second Day, Saturday April 4th

Second Day, Opening Talk, 11.00 - 11.30 Arjen Kamphuis, Information Security for Journalists (protecting your story, your source and yourself online).

Arjen is co-founder and Chief Technology Officer of Gendo. He studied Science & Policy at Utrecht University and previously worked for IBM as IT architect, trainer and IT strategy advisor. Since 2002 Arjen advises senior managers of F500 companies and several governments at Cabinet level about the opportunities offered by open standards and opensource software for the Europe. He is also a certified auditor and information security specialist. Last year he co-authored a handbook on infosecurity for journalists that is being used in 40 countries all over the world to protect whistleblowers and journalists from government surveillance.

Discussion Panel: Innovating for Privacy, issues, opportunities and conclusions

11.30 - 12.30 : Coordination P.Stathopoulos, Participants: Aral Balkan (Ind.ie) , Arjen Kamphuis, Vasileios Vlachos (gfoss.eu), Alexandros Roustas (iqBility, general manager)

Discussion points:

1. Should we, as citizens, be alerted with the degree of data mining and logging, taking place with or without our consent? Is the transparency level satisfactory, and what are the dangers?
2. How can citizens be better educated about privacy issues arising a Social Network/Big Data/IoT world? Does privacy, and data security affect only activists and journalists, or is it something that we all should care about it?

3. How does data ownership means for you in the era of Social Networking. Do we have full control of data we produced and interact with in closed proprietary cloud platforms and social networks?
4. What Free and Open Source Software can do about privacy, and data security? Is it enough by its own, especially on the realm of consumer-citizen facing applications and services?
5. Do business model and business opportunities exist beyond the currently prevalent data mining/advertising web business model, especially for consumer facing applications.
6. Do you believe that currently there is only one prevalent online business model and is this a problem? Whats is the solution that you propose?
7. Do actually users/organisations/enterprises care and can support innovative privacy and security related products?
8. Do alternative business models that can support personal data security services and transparent non data mining services, exist or are they emerging?

Labs , Tools, Best Practices and Technologies, for providing a Secure Personal Data and communications ecosystem 13.00 - 17.00

After the opening discussion a series of in depth labs will take place, from the event's international speakers. The labs purpose is to introduce:

- Already available practices, tools and technologies, that journalists, users and citizens can use in order secure their communications and personal data.
- Technologies and infrastructures that are already available today in order to use as building blocks for building a secure personal data ecosystem, with privacy and/or anonymity features.

Labs (The details of the lab program, can be changed based on the speakers availability and participation)

- **Designing for independence**, Aral Balkan.

If we are to compete with mainstream technology, we must design independent free and open products that are at least as convenient and enjoyable to use. In this lab, we will discuss:

- The crucial role of design in independent technology
 - Holistic, whole-term design that begins with designing the organisation itself and its business model
 - The user experience advantages independent technologies have over mainstream technologies and how can we exercise these advantages
 - The difference between colonial/imperialistic/anthropological design and diverse design and the central role that diversity will play in the success of independent technologies
 - Strategies for sustainability
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- **Information Security for Journalists (protecting your story, your source and yourself online)**, Arjen Kamphuis

 - **Privacy Cafe**, Collision Resistance (Collision Resistance is an independent, non-profit advocacy organization for information and research on issues of freedom of speech and privacy in the digital world)
The lab will demonstrate/teach basic tools for safe and/or anonymous communication and web browsing

 - **Building secure instant messaging applications: XMPP, OTR and latest developments**, P.Stathopoulos.
XMPP is the open and secure Instant Messaging Protocol, that users, enterprises and developers can utilise. The workshop is targeted towards developers and ISPs wanting to learn more about:
 - What is XMPP and why should they care
 - Protocol features and capabilities
 - Server software and client applications

- XMPP Java/Python/C# libraries
- Developing mobile XMPP apps, problems and issues
- Advanced features and latest developments
- OTR and XMPP