

Second SeCloud Brokerage Event - 17 October 2016

Programme

13:00 – 13:30 **Registration & coffee**

13:30 – 13:45 **Welcome note by Sirris**

13:45 – 14:30 **“The EU General Data Protection Regulation: Upcoming changes for Data Protection in the Cloud”**
Loulia Konstantinou, **VUB Research Group on Law, Science, Technology & Society**

The new rules imposed by the recently adopted EU General Data Protection Regulation (GDPR) are about to significantly impact the cloud industry, whether in the EU or further abroad. From May 2018, any organisation or company that collects, uses or shares personal information about European citizens/customers will have to demonstrate compliance with this legal instrument.

In this talk, LSTS will reflect on the legal research conducted so far in the context of SeCloud project. The presentation will focus on some aspects of the GDPR that incur challenges in the cloud environment. First, the GDPR applicability issues will be discussed. This law applies to a company even if it merely markets goods or services in the EU zone, despite having a formal presence in the EU. The new criterion of territoriality is the collection and storage of EU citizens' personal data. Secondly, the new rules regarding liability for data breaches and security violations will be introduced: for the first time data processors (cloud providers) are put on an equal footing with data controllers regarding compliance, in contrast with the current Data Protection Directive, which imposes legal obligations on the data controller only. Last but not least, the notion of accountability will be explained, along with the new privacy by default/by design and security measures provisions that aim at increasing security and privacy consciousness of software developers. Although the presentation is oriented mainly on a theoretical description of the legal issues, much of these will be framed with relevant examples and cases that will enable better understanding and offer field for discussion. The presentation also approaches the above issues from a comparative point of view: the new GDPR rules are introduced in connection with the relevant provisions of the current Data Protection Directive.

14:30 – 15:15 **“Will the Cloud soon hold your money?”**
Yves Houbeau, **Sopra Banking Software**

Like any other industry, financial institutions are trying to reduce their IT costs and speed up their operations.

They are therefore all eagerly looking to cloud computing even if, in this understandably risk-adverse sector, few today took the plunge.

Besides regulatory concerns, banks are indeed facing two main problems: incompatibility of bank legacy applications with cloud standards and data security.

This session will focus on the migration paths to the cloud currently followed by banks in Europe and will highlight the main risks and issues these financial institutions need to overcome.

15:15 – 15:45 **Break**

15:45 – 16:30 **“JavaScript security”**
Jens Nicolay, **VUB Software Languages Lab**

It is possible for tools to detect security vulnerabilities in source code without running the program first.

To this end, these tools have to compute non-trivial program properties such as the values that a variable may have at run time.

We present Sunburst, a source code analysis tool for detecting security vulnerabilities in JavaScript applications.

We discuss the design of the tool and demonstrate its usefulness by detecting common security vulnerabilities described in related work.

Sunburst is currently limited to standalone JavaScript programs, but we discuss future extensions for handling real-world cloud applications.

16:30 – 17:15 **“Funding opportunities within the Horizon 2020 programme”**
Daniela Fazenda, Flavie Guerin, Benjamin Carnec, **impulse.brussels**

The National Contact Points for ICT and Cybersecurity of Brussels Region will present the next funding opportunities for 2016-2017 in the framework of the Horizon 2020 Programme. In addition, some resources to form consortia will be presented together with some tools for the exploitation of innovation and internationalization through the Enterprise Europe Network.

17:15 – 18:00 **Drinks and poster session**