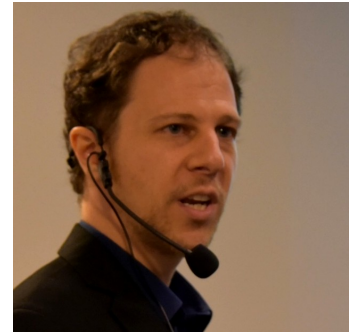


DR. KRISTOF VERSLYPE

Personal

Keywords Creative, conceptual & solution-oriented
Website www.cryptov.net
Address [REDACTED] 3001 Leuven, Belgium
Phone +32 472 492314
E-mail [REDACTED]
Birth 6 February 1982 in Ostend, Belgium
Gender Male
Nationality Belgian



Education

PhD **Doctor of Engineering** 2005-2011
University of Leuven, Belgium
Title dissertation: “Improving privacy in applications by managing the disclosure of personal properties”.
Aim: Developing and facilitating the development of applications whereby the disclosure of certified personal user data to the service provider is minimized, while the latter still has sufficient information and guaranties to provide its services.
Keywords: cryptography, privacy, anonymous credentials, zero-knowledge proofs, selective disclosure
Best Paper Award at SECRYPT 2009, 2009
the International conference on security and cryptography

University **Master in Informatics (with distinction)** 2000-2004
University of Leuven, Belgium
Master thesis: “Ring and Group Signatures” (translated)

MOOC **Stanford University**
Cryptography I (with distinction, 100%) 2015
Princeton University
Bitcoin and Cryptocurrency Technologies 2016

Work

Belgian Government **Crypto researcher, advisor & speaker** 2011-now
I study new concepts & technologies, mainly in the field of cryptography, and try to use this to solve challenges and find new opportunities in government context.
Main fields of expertise

- Data protection & cloud strategies for governments
- Anonymisation & pseudonymisation of Personal Identifiable Information (PII)
- Bitcoin, blockchain and smart contracts
- Advanced cryptographic techniques

Proposed innovations

- Processing medical prescriptions on a public blockchain
- Exchanging of citizens' PII between government and multiple insurers while hiding mutuality membership for the government. No trusted intermediary.
- Combining personal identifiable information from multiple sources while maximizing compliance with the GDPR

Knowledge transfer inside government

- Introduction of the first technical blockchain and smart contracts knowledge into the Belgian federal government.
- Coaching the first blockchain project team of the federal government
- Supporting the team to put into production a file sync & share system for governmental institutions
- Many presentation and bespoke advise

University of Leuven **Researcher, PhD student & assistant professor** 2004-2011
Initially, I did research in the field of DRM (Digital Rights Management). After one year, I started my PhD (see higher). After completion, I was assistant professor for 9 months.

Activities

- Project leader of MobCom - A Mobile Companion. Privacy-friendly identity management on mobile devices
- Coaching PhD students
- Paper reviews for various conferences
- Teaching various courses for various student groups
- Individual coaching of students on their master thesis

Other Member of the jury of experts of INNOVIRIS, 2017
the Brussels institute for research and innovation
Public speaker on Bitcoin, blockchain & smart contracts 2017
Belgian expert in the Article 6 committee of the EU 2012-2013
on Machine Readable Travel Documents (MRTD)

Languages

Language	Accreditation	Practical experience
<i>Dutch</i>	N/A	Mother tongue
<i>English</i>	B2 Vantage 1 (2009)	1st professional language 2004-2011
<i>French</i>	B2 Vantage 2 (2012)	1st professional language 2011-now
<i>German</i>	B1 Threshold 3+4 (2008)	
<i>Greek</i>	A2 Breakthrough (2016)	

Other

European driving license B