

KRISTOF VERSLYPE | CRYPTOGRAPHER, PHD.

ANALYTICAL ∞ CREATIVE ∞ SOLUTION-ORIENTED ∞ DOWN TO EARTH

[REDACTED], 3001 Leuven, Belgium

www.cryptov.net



Education

<i>PhD</i>	Doctor of Engineering Catholic University of Leuven, Belgium <u>Title dissertation:</u> <i>Improving privacy in applications by managing the disclosure of personal properties.</i> <u>Objective:</u> Protecting the privacy of the citizen with cryptography	2005-2011
<i>Awards</i>	Best Paper Award at SECRYPT 2009 The International conference on security and cryptography	2009
<i>University</i>	Master in Informatics (with distinction) Catholic University of Leuven, Belgium Master thesis: <i>Ring and Group Signatures</i> (translated)	2000-2004
<i>Post graduate</i>	Legal Course Court Expert Catholic University of Leuven (BE), On-campus, 85%	2023
	Bitcoin and Cryptocurrency Technologies Princeton University, MOOC, 87,33%	2016
	Cryptography I Stanford University, MOOC, with distinction, 100%	2015

Work

<i>Public sector</i>	Innovator & consultant I introduce and devise new concepts and technologies to solve challenges and mitigate risks. I inform and advise Belgian public sector bodies and stay in close contact and collaborate with academia. <u>Topics:</u> <ul style="list-style-type: none">- Advanced cryptography for privacy protection- Quantum computing and cryptography- Cryptography to reduce dependency on trusted parties- Cryptographic recommendations Inventor of the high-security pseudonymization system on the Belgian eHealth platform to protect i.a. medical prescriptions. Live in 2024.	2011-now
<i>European Commission</i>	Reviewer ENISA report EBSI technical working group of the European Commission European blockchain services infrastructure for public sector	2023 2019-now

	Belgian expert in the Article 6 committee of the European Commissions on Machine Readable Travel Documents	2012-2013
<i>Corporate</i>	Beltug Blockchain task force The Belgian blockchain special interest group of Beltug, the Belgian association of CIOs and digital technology leaders	2018-2020
<i>Academia</i>	Researcher, PhD student & assistant professor After one year of research on DRM (Digital Rights Management), I started my PhD (see higher). <u>Selection of activities</u> <ul style="list-style-type: none"> - Project leader of MobCom - A Mobile Companion. Privacy-friendly identity management on mobile devices - Individual coaching of master students on their thesis as well as PhD students - Paper reviews for various conferences - Teaching several courses for various student groups 	2004-2011
	Jury member at INNOVIRIS The Brussels institute for research and innovation	2017-2019

Public exposure

<i>Speaker</i>	I regularly give talks and lectures on cryptography, blockchain and/or privacy in English, Dutch and, occasionally, French. Recent venues: Free University of Brussels, Devoxx, Cybersec Europe, Beltug	2011-now
<i>Author</i>	Articles in popular and specialized (IT or law) press in Belgium. Several books on blockchain, co-authored with academics in law. On behalf of <i>Larcier-Intersentia</i> and <i>SdU</i> , two leading publishing houses in the domain of law in Belgium and the Netherlands. Several thousands of paper copies sold. Publications in proceedings of international academic conferences.	2011- now 2018-2020 2005-2011

Languages

	Accreditation	Practical experience	
<i>Dutch</i>	N/A	Mother tongue	
<i>English</i>	B2 Vantage 1 (2009)	Daily use in work context	2004-now
<i>French</i>	B2 Vantage 2 (2012)	Daily use in work context	2004-now
<i>German</i>	B1 Threshold 3+4 (2008)		
<i>Greek</i>	A2 Breakthrough (2016)		

Other

European driving license B ∞ High EQ