Belgian citizen
Born 1982, Leuven, Belgium
Current residence: Leuven, Belgium
Dutch (mother tongue), English (excellent)

VUB VRIJE UNIVERSITEIT BRUSSEL

2008: PhD in Computer Science,
Summa Cum Laude

2004: Master in Computer Science,
Summa Cum Laude, Valedictorian

Positions held

Year	Position	Organization
2016	Department Head, Antwerp, BE	NOKIA Bell Labs
2014	Senior Researcher, Antwerp, BE	NOKIA Bell Labs
2012	Professor (Docent), Brussels, BE	VRIJE UNIVERSITEIT BRUSSEL
2009	Visiting Faculty, Mountain View, USA	Google
2008	Postdoctoral Fellow, Brussels, BE	fwo Research Foundation Flanders — Opening new horizons
2004	Research Assistant, Brussels, BE	fwo Research Foundation Flanders — Opening new horizons

Tom Van Cutsem

Research manager. Computer scientist.
Software technologist. Dad.

I aim to make a positive contribution to society through software technology, by combining insights from cutting-edge research with hands-on software skills and outstanding communication skills.

🌐 tvcutsem.github.io

in be.linkedin.com/in/tomvc

 github.com/tvcutsem

 twitter.com/tvcutsem

Detailed CV:
tvcutsem.github.io/assets/cv.pdf

Research

Expertise: Programming Languages, Distributed Systems, Software Engineering, Machine Learning

Author of 60+ papers (1400+ citations),
3 patents and 50+ talks presented across the globe

Organizations

Program committee member of top international conferences: OOPSLA 2017, ECOOP 2015

2010-2015: member, ECMA TC39 (JavaScript standards committee)

2011: founding member, IFIP working group on Programming Language Design

2009-2014: chair, organizer, Jury member of Vlaamse Programmeerwedstrijd. Jury member, Belgian Olympiad in Informatics.

2010-2014: scientific advisor to Intel/imec ExaScience project (high perf. computing)

Achievements

At **Nokia (2017+)**, led successful transformation of a networks-focused research team into AI research with academic and business impact.

At **Nokia (2014-2016)**, architected World Wide Streams, a real-time distributed IoT stream processing platform, with successful technology transfer to the business and customer impact.

At **Google and VUB** (2009-2014): contributed to the standardisation of JavaScript, the world's most widely used programming language. APIs of my design are implemented in all major browsers and in use by millions of developers worldwide.

At **VUB** (2004-2012): my research on mobile computing got featured in MIT Technology Review and was published at the highest international level. My PhD work on AmbientTalk laid the foundation for at least 6 follow-up PhDs in my research group.