Curriculum Vitae

ir. Thijs Laarhoven

Personalia

Name:	Thijs Martinus Maria
Surname:	Laarhoven
Address:	De Bleker 51
	5506 BB Veldhoven, The Netherlands
Telephone:	+31(0)40 253 77 64
	+31(0)6 213 772 76
E-mail:	t.m.m.laarhoven@tue.nl
	t.laarhoven@gmail.com
Date of birth:	February 11th, 1989
Nationality:	Dutch
BSN:	0305.59.820
Homepage:	http://www.win.tue.nl/~thijs/

Education

2011-2015   **Ph.D. Industrial and Applied Mathematics**
Eindhoven University of Technology, Eindhoven, The Netherlands
Project title: "Lattice-based cryptosystems"
Promotor: prof. dr. Tanja Lange
Daily supervisor: dr. Benne de Weger

2009-2011   **M.Sc. Industrial and Applied Mathematics (cum laude)**
Eindhoven University of Technology, Eindhoven, The Netherlands
Thesis: "Collusion-resistant traitor tracing schemes"
Supervisor: dr. Benne de Weger
Final grade: 10

2010-2011   **Internship at Irdeto**
Irdeto BV, Eindhoven, The Netherlands
Subject: "Collusion-resistant traitor tracing schemes"
Supervisor: dr. Jeroen Doumen

2006-2009   **B.Sc. Industrial and Applied Mathematics**
Eindhoven University of Technology, Eindhoven, The Netherlands
Thesis: "The 3n+1 conjecture"
Supervisor: dr. Benne de Weger
Final grade: 9

2006-2007   **P. Industrial and Applied Mathematics**
P. Computer Science and Engineering
Eindhoven University of Technology, Eindhoven, The Netherlands

2000-2006   **Atheneum**
Sondervick College, Veldhoven, The Netherlands

Publications

2011   **Optimal symmetric Tardos traitor tracing schemes**
Thijs Laarhoven, Benne de Weger
Submitted, preprint online at arXiv:1107.3441

2011   **Dynamic Tardos traitor tracing schemes**
Thijs Laarhoven, Jeroen Doumen, Peter Roelse, Boris Škorić,
Benne de Weger
In preparation

2011+   **The Collatz conjecture and De Bruijn graphs**
Thijs Laarhoven, Benne de Weger
In preparation

2011+   **The complete spectrum of the Collatz graph**
Benne de Weger, Thijs Laarhoven
In preparation

Patents

2011   **Dynamic fingerprinting**
Thijs Laarhoven, Jeroen Doumen, Peter Roelse
Owned by Irdeto Corporate BV

Computer skills

Reporting:	LaTeX, Word, Excel, PowerPoint
Programming:	Mathematica, Java, Object Pascal (Delphi), Haskell, Matlab, R
Websites:	HTML, CSS, PHP, (My)SQL, JavaScript

Language skills

Dutch:	Native language
English:	Fluent, conversation and reading
German:	Reasonable, conversation and reading
French:	Basic, conversation and reading