

# Curriculum Vitae

---

## Ivan Goethals

Born June 21, 1978 - Wilrijk  
Belgian nationality - married - 3 children  
driving license cat. B

Rue de la Station 164  
1457 Tourinnes-St-Lambert  
+32 (0)498/48.38.46  
ivan.goethals@gmail.com  
<http://ivan.goethals-jacobs.be>



## Education

- |      |  |                               |
|------|--|-------------------------------|
| 1996 | Secondary School (Mathematics/Sciences)  | Scheppers institute, Mechelen |
| 2000 | <b>Master of Sciences, Nuclear Physics</b> <ul style="list-style-type: none"><li>• 1997, <i>magna cum laude</i></li><li>• 1998, 1999, 2000, <i>summa cum laude</i></li></ul> | KULeuven, Leuven              |
| 2000 | Master thesis: 'Elastic scattering experiments on He-6 nuclei'   |                               |
| 2005 | <b>PhD in Applied Sciences (Electrical Engineering)</b>  | KULeuven, Leuven              |

## Professional experience

- |               |   |
|---------------|---|
| 2015- ...     | <b>Head of Management Accounting / Head controlling</b> ( <i>NN Belgium</i> ) <ul style="list-style-type: none"><li>• Construction &amp; update of multi-year business plan</li><li>• Ensures execution of plan through tight follow-up &amp; remediation</li><li>• Reports into management board on monthly financials &amp; KPI's</li></ul>   |
| 2013-2015 ... | <b>Head of ALM &amp; Capital Management</b> ( <i>NN Belgium</i> ) <ul style="list-style-type: none"><li>• Daily management of the ALM &amp; Capital management team</li><li>• Preparing NN Belgium for the successful introduction of Solvency-2</li><li>• Active support in the development of a capital-efficient business strategy</li></ul>   |
| 2009-2013     | <b>Senior actuary</b> ( <i>ING insurance, ALM &amp; Capital management</i> ) <ul style="list-style-type: none"><li>• Calculation &amp; regular reporting of key risk measures</li><li>• Follow-up &amp; analysis of the investment portfolio</li><li>• Strategic Asset Allocation, ALM study</li><li>• Project leader, Solvency II models</li></ul>   |
| 2008-2009     | <b>Head of modelling</b> ( <i>Fortis group, CFO office, Capital solutions</i> ) <ul style="list-style-type: none"><li>• Proposing and structuring solutions to optimize Fortis' capital (Regcap, Ecap)</li><li>• Modelling support for capital optimization transactions</li></ul>  |
| 2005-2008     | <b>Senior financial risk modeler</b> ( <i>Fortis group, Group Credit Portfolio Management</i> ) <ul style="list-style-type: none"><li>• Develop quantitative models to monitor and steer the Fortis group credit portfolio</li><li>• Implementation of credit default simulations in Matlab/R/C++</li><li>• Quantitative analysis of proposed hedging transactions on a group level</li><li>• Pricing and risk/return assessment of various credit investments<ul style="list-style-type: none"><li>· Bonds, Loans, CDS, ABS, CDO</li></ul></li></ul> |
| 2001-2005     | <b>Research Assistant</b> ( <i>KULeuven, Electrical Engineering, ESAT-SISTA</i> )   |

# Curriculum Vitae

---

## Profile

- Expertise : Controlling, Financial risk modeling, informatisation, automatisisation.  
Managing an efficient and highly motivated team in a fast changing environment.
- Functions : Management in finance or risk based activities,  
consulting or R&D in various technical fields; physics, engineering, ICT.
- Personality: communicative, good team player, motivated, rational, quick learner,  
strong intuition, influential, solution oriented thinking, hands on mentality  
MBTI: *ENTP*, DISC: *Yellow*.
- Languages : Dutch (native), English (excellent), French (excellent).

## Job training

Dealing with change	Kluwer	2016	1 day
First Line Manager	Sequoia	2015	1 week
Efficient communication	Atlas	2015	1 day
Work shock stress	Kluwer	2015	1 day
Ciep (principles of efficient working)	Springer	2014	2 days
Principles of management	Kluwer	2013	2 days
Presentation skills	Klein Barnum	2012	2 days

## Informatics

- Programming : (functional/OO), Java, C/C++, Php, Perl, Pascal, Fortran, Basic
- Operating systems : Unix/Linux, Dos, Windows
- Database : SQL scripting, Access
- Software : Matlab, Sas, R, Maple, Word, Excel, Powerpoint, Latex
- Internet : Html, Xml, Javascript, Server side scripting

- 2003-2005 **IT responsible** (*KULeuven, Electrical Engineering, ESAT-SISTA*)  
• Responsible for the IT-infrastructure of the SISTA research group ( $\pm 100$  pc's)

## Background

- Member of NN key talent pool (board potential).
- Prize 'Kanunnik J. Desmet', best student of the graduating year 2000.
- Spare time: running, astronomy, website design.
- Software support to various organisations.

## Academic life

- 6 articles published in leading academic journals of my field  
see <http://ivan.goethals-jacobs.be>.
- 1 book chapter and 11 conference articles published about my research.
- Various short stays at the IRISA/INRIA national research institute (Rennes, France).
- Regular teaching assignments, including exercise sessions and examination of the course "Computer Aided Control System Design (CACSD)", 2nd year Master in Engineering, KULeuven, 2001-2004.
- Article reviewer for IFAC, IEEE, several conferences (ACC, CDC, MTNS, ...)
- Software development and support for the electronic counting system at the yearly 24h-run organized by the KULeuven student sporting organization (sportraad).