

# CURRICULUM VITAE

## PERSONAL INFORMATION

Name: Rini van Solingen (prof.dr.ir.)  
Address: Ligusterpark 42, 2724 HJ, Zoetermeer, The Netherlands  
Family: Married: Patricia, 2 kids: Bo (f: 2001) and Bas (m: 2003)  
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## INDUSTRIAL EXPERIENCE

*Prowareness We-On, Delft, The Netherlands (Apr. 2010-today)*

- **Chief Technical Officer**

Member of the Prowareness board of directors and share-holder. As CTO strategically responsible for all engineering and development activities in the India offshore location. Furthermore responsible for training and coaching customers in deploying distributed Agile/Scrum working processes, e.g. ING, Exact, Aegon, Kadaster, ABNAMRO, KPN, Raet, Philips, NN, Delta Lloyd Bank, Calvi, Tele2, ANWB, Ministry of Justice, Belastingdienst, PinkRocade LG, and many more.

*Mavim, Noordwijk, The Netherlands (Jan. 2008-May 2009)*

- **Chief Technical Officer**

Member of the Mavim board of directors. Mavim (70 employees) is a software product developing company (SME). As CTO responsible for all engineering and development activities in the company, including management of 16 engineers. Furthermore responsible for a roadmap for the Mavim products. A full deployment of agile development (with Scrum) was lead making a rigorous change in delivery performance. Rini also fulfilled the role of Scrum Product Owner.

*Logica/LogicaCMG/CMG, Rotterdam, The Netherlands (Feb. 2001-Feb. 2008)*

- **Competence development manager IDT**

Responsible for all competence development activities in the operations of the Industry, Distribution and Transport division (>1000 engineers). Functionally managing 16 competence leads in 15 business units. Main responsibilities in leading: technology investigation and R&D, consultant & skills improvement, management development, technical assurance and IDT board room advisory. Direct leadership of the Architect Development and Management Development Programmes.

- **Principal consultant in technical software engineering**

Software quality, requirements engineering, architecting and test management, assessment and benchmarking, estimation, software project management, process improvement and measurement.

- National expert role. Tasks include: consultancy product development, publishing, R&D management, networking, and programme- and project management.
- Several software engineering projects at: Philips, Océ, ASML, SNS Bank, Rabobank, RWS, Mavim, Nokia and TNO Automotive.
- Project manager of the 121 p.year MERLIN R&D project (July 2004-September 2007).
- Project manager of the 104 p.year MOOSE R&D project (March 2002-June 2004).

*Fraunhofer Institute on Experimental Software Engineering (IESE), Kaiserslautern, Germany (2000)*

- **Department head of the Quality and Process Engineering department** (15 researchers, revenue of 2 million Euro)

- Responsibilities included: R&D management, people management, change management, project acquisition/sales, benchmarking development, project control and management.
- R&D themes: software quality, effort estimation, process modelling, assessments, benchmarking
- Project manager of a 3 million Euro R&D project.
- Programme Coordinator for the ITEA R&D programme (Mar.-Dec. 2000) - (Contracted)  
Responsibilities included: programme management, reviews, reporting, coaching.

*Schlumberger RPS/Tokheim, Bladel, The Netherlands (1995-2000)*

- **Senior Quality Engineer for embedded systems product development**

## **EDUCATION AND ACADEMIC EXPERIENCE**

### **Post-Ph.D. Educational and Research positions**

- *Delft University of Technology*, The Netherlands (July 2007-today):  
Full-professor (part-time) in Globally Distributed Software Engineering (1 day/week) at Delft University of Technology.
- *Stenden University* (Hogeschool Drenthe), The Netherlands (May 2003-December 2007):  
Associate professor (lector) in Quality Management and Quality Engineering (1 day/week).
- Guest lecturer at *Eindhoven University of Technology* on embedded systems engineering and measurement, *Amsterdam University* on software engineering management and improvement, *Tilburg University* on agile global software engineering.

### **Ph.D. Study (dr.)** in Technology Management, (Sept. 1995- Dec. 1999) - diploma March 2000

- *Eindhoven University of Technology*, The Netherlands (part-time 1 day per week)
  - Department of Technology Management, Section Information and Technology.
  - Topic: Relation between process improvement and embedded software product quality.

### **M.Sc. Study (ir.)** in Technical Informatics, (Sept. 1989 – May 1995) - diploma May 1995

- *Delft University of Technology*, The Netherlands
  - Department of Technical Informatics and Mathematics, Section Information Systems.
  - Topic: Goal-oriented software measurement in practice, study performed at Schlumberger RPS.

## **MISCELANEOUS**

- Initiator, and former chairman and treasurer of Stichting Logeerplezier ([www.logeerplezier.nl](http://www.logeerplezier.nl)); foundation that facilitates holiday accommodation for disabled children and their families.
- Reviewer for IEEE Software magazine (1998-today).
- Programme committee member:
  - ICGSE (Int. Conference on Global Software Engineering), 2008-today, PC Chair in 2012.
  - PROFES 1999-2004, 2005 (Industrial Chair), 2006 (General Chair), 2007-today.
  - LSO 2005-2006, ISAS 1998- 2001, IWSM 2000, ESCOM 2001, 2002, METRICS 2001.
- Member of IEEE Computer Society, SPIDER, NGI and KiVi.
- Owner of YouTube channel “GroetenUitDelft” and blog [www.rinivansolingen.nl](http://www.rinivansolingen.nl).

## **PUBLICATIONS**

- Articles/papers: >100 publications in journals and conferences; most prominent ones are:
  - “Measuring the Return-on-Investment from Software Process Improvement”, IEEE Software, pp 32-38, May/June 2004. *Selected as one of the best papers in this journal during the past 25 years (1.200 titles published in that period)*
  - “What’s the True Hourly Cost of Offshoring?“, Darja Šmite en Rini van Solingen. IEEE Software 33.5 (2016): 60-70
  - “Calculating the Extra Costs and the Bottom-line Hourly Cost of Offshoring“, Darja Šmite, Ricardo Britto and Rini van Solingen, 12th ICGSE conference, 2017. *Best-paper award*
  - "Implementation of Lean Six Sigma in small-and medium-sized manufacturing enterprises in the Netherlands.", Timans, W., Antony, J., Ahaus, K., & van Solingen, R., Journal of the Operational Research Society 63.3 (2012): 339-353
  - “Interrupts: just a minute never is”, R van Solingen, E Berghout, F van Latum, IEEE Software, 1998
- Books: author of >15 books; most prominent ones are:
  - “The Goal/Question/Metric method”, Rini van Solingen and Egon Berghout, 1999
  - “The Power of Scrum”, Jeff Sutherland, Rini van Solingen, Eelco Rustenburg, 2011, best-seller with > 60.000 copies sold world-wide
  - “Scrum for Managers”, Rini van Solingen, Rob van Lanen, 2013
  - “How to lead self-managing teams: a business novel”, R van Solingen, 2016
  - “The Responsive Enterprise”, Rini van Solingen and Vikram Kapoor, 2016

*Detailed list of all publications can be supplied on request or found on Google Scholar.*

## **INTERNATIONAL RESEARCH LEADERSHIP**

*Large and significant experience in initiating and leading international research programs. Most prominent ones:*

### **MERLIN, (2004-2007)**

- Project initiator and manager on collaboration methodologies for systems and software engineering
  - Partners: Philips (NL), Thales (NL), Océ (NL), Delft University (NL), VTT (Fi), Oulu University (Fi), Nokia (Fi), Solid (Fi), Lund University (Sw), Sony Ericsson (Sw) and Ericsson Mobile Platforms (Sw)
  - Project has the objective to construct and benchmark effective technology for systems and software engineering in collaborative product development environments, including globally distributed software engineering
  - Project had an effort of 121 person years with a budget of 15 million Euro

### **MOOSE, (2001-2004)**

- Project initiator and manager on Software Engineering Methodologies for Embedded systems development
  - Partners: Philips (NL), ASML (NL), Océ (NL), University of Technology Delft (NL), VTT Electronics (Fi), University of Oulu (Fi), Nokia (Fi), Solid (Fi), SQS (Es), ESI (Es), Datapixel (Es), and Team Arteche (Es)
  - Project had the objective to benchmark software engineering technology for systems development. Special focus of the project was on industrial validation of technology for systems and software requirements engineering, architecture design and validation, and product and process improvement management
  - Project had a total effort of 104 person years with a budget of 10 million Euro

### **TT-MEDAL, (2003-2005)**

- Associate project manager of this ITEA project on advanced system and software testing technologies
  - *TT-Medal won the ITEA Excellence Award for the best project in 2005*
  - Partners: Nokia (Fi), VTT (Fi), NetHawk (Fi), Conformiq (Fi), Fraunhofer Fokus (D), DaimlerChrysler (D), Testing Technologies (D), Nokia (D), LogicaCMG (NL), CWI (NL), ProRail (NL) and Improve QS (NL)
  - Project had the objective to develop technologies for verifiable and standardised automated system and software testing. An important focus of the project was on customising TTCN-3 technologies for domain specific testing
  - Project had a total effort of 97 person years with a budget of 13 million Euro, Dutch part: 26 p.years, 3 million Euro

**ITEA (2000):** ITEA Programme co-ordinator and coach of this programme on Information Technology for European Advancement; European funding programme for the development of software technology competencies for industry. ITEA is initiated by: Alcatel (F), Barco (B), Bull (F), Daimler-Chrysler (D), Italtel (I), Nokia (Fi), Philips (NL), Bosch (D), Siemens (D) and Thomson (F)

**PROFES (1997-1999):** Workpackage manager of this ESPRIT project on Product Focused Improvement of Embedded Software Processes. PROFES partners: Dräger Medical Technology (NL), Ericsson (Fi), Etnoteam (I), Fraunhofer IESE (Institute for Software Engineering) (D), Schlumberger RPS (F)(NL), University of Oulu (Fi), VTT Electronics (Fi)