

CV Matthias Stürmer



Name Matthias Stürmer, Dr. sc. ETH Zürich, lic.rer.pol.

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Birthday February 20th 1980

Nationalities Swiss and German

Civil Status Married to Anita Stürmer-Müller

Children Lionel Semion (2006) and Kai Timon (2008)

Work Experience

July 2010 – today **Senior, Advisory Services at Ernst & Young Switzerland**

August 2009 – July 2010 **Key Account Manager at Liip AG (Agile Web Development Company, www.liip.ch)**

My Responsibilities: Management of software development and implementation projects; Acquisition of software development projects often through public procurement processes; Open source strategy consulting for institutions such as the Federal Court and the Canton of Basel-Stadt; Leading of requirements engineering workshops; Key account manager of clients from international organizations and the public sector such as World Intellectual Property Organization (WIPO), International Trade Centre (ITC), European Commission (EC), Swiss Agency for Development and Cooperation (SDC), Swiss National Bank (SNB), The Swiss Education Server (educa.ch) etc.; Representation of the company at conferences.

March 2009 – today **Founder and Secretary of Swiss Parliamentarians' Group for Digital Sustainability**

The Swiss Parliamentarians' Group for Digital Sustainability is a nonpartisan group of 35 national politicians representing all major parties who promote open source software, open standards, open content, and open access in Switzerland. All activities can be followed on the official Blog of the group on www.digitale-nachhaltigkeit.ch

My Responsibilities: Writing detailed policy recommendations (so far 12 policy proposals have been handed in to the Federal Council archived on www.digitale-nachhaltigkeit.ch/vorstoesse/); Personal advisory to politicians for issues on digital sustainability, public procurement, open government approaches etc.; 1-to-1 lobbying in the Federal Parliament Building in Bern; Organization of meetings, dinners, and conferences for politicians, CIOs of the departments, and other ICT leaders in the government; Management of internal communication; Writing and distributing press releases (references see below).

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August 2009 – May 2010 Lecturer of Strategic Management at ETH Zürich

My Responsibilities: Lecturing of lessons on strategy development, industry analysis methods, innovation management, strategy tools (SWOT analysis, Porter's 5 Forces etc.), technology lifecycles, knowledge management and knowledge retention etc.; Tutorship of case study groups; Invitation of guest lecturers from the industry; Coordination of teaching assistants.

January 2006 – June 2009 Research and Teaching Assistant at ETH Zürich

In the Department of Management, Technology, and Economics MTEC at the Chair of Strategic Management and Innovation of Prof. Georg von Krogh

My Responsibilities: Tutorship of totally 18 master thesis projects of master students; Teacher or assistant for various courses such as Corporate Strategy, Basics of Scientific Work, PhD courses on innovation theory; Initiation and participation in six different research projects executing research design, data collection, data analysis, hypothesis testing, theory development, and paper writing; Leadership of team of research assistants.

August 2007 – September 2008 Initiation and Organization of Hackontest

International 24h open source programming competition sponsored by Google

September 2006 – today Initiation and Organization of OpenExpo

Largest Swiss conference and exhibition on open source software, taking place for the eighth time in spring 2010 in Bern, 1200 visitors, budget around CHF 100'000 each event

June 2007 – today Initiation and Organization of Open Source Software Educational Conference

Annual conference and workshops on OSS in education

January 2002 – July 2009 Founder of the two companies foresite Systems and nice Software

Implementation of content management solutions and other web applications for customers; Consulting of institutions and firms on community building strategies

August 2005 – December 2005 Alternative Civilian Service at TearFund Switzerland

Support in a campaign with focus on the UN Millennium Development goals

March 2005 – July 2005 Alternative Civilian Service at Diego Thomson, Lima, Peru

Introduction of Linux and other open source software in a teacher's training college

Education

January 2006 – June 2009 Dr. sc. ETH Zürich

Doctoral student at the Department of Management, Technology, and Economics MTEC at the Chair of Strategic Management and Innovation of Prof. Georg von Krogh
PhD thesis in the area of strategy, technology, and innovation management
Thesis title: "How Firms Make Friends: Communities in Private-Collective Innovation"

August 2008 – September 2008 Visiting Scholar at University of Washington, Seattle (Foster School of Business)

Joint research project with Prof. Sonali Shah on reciprocity in the Eclipse community

October 2000 – February 2005 lic.rer.pol University of Bern

Studies of business administration and computer science, specialization in management of information systems and organizations, title of master thesis: "Open Source Community Building"

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February 2002 – July 2002 Erasmus Semester at University of Oviedo, Spain

August 1996 – July 2000 Gymnasium Thun-Schadau, Switzerland (C-Matur)

August 1997 – July 1998 High School Year in Belleville, Michigan, USA

Further Training

December 2009 Certified Scrum Product Owner

Languages

	Level	Experience
German	Strong writing and speaking skills	Native language
English	Strong writing and speaking skills	High school year in the US, master and doctoral theses in English
French	Intermediate writing and speaking skills	education in school, internships in Romandy, working in Fribourg
Spanish	Intermediate writing and speaking skills	Erasmus semester in Spain, 4 months alternative civilian service in Peru

Programming Skills

	Level	Experience
HTML/CSS	High	Programming of around 80 websites for companies, NGOs, educational institutions etc.
PHP/MySQL	Intermediate	Programming of own content management system and customized web applications
Java	Basic	Student projects at university, participation in workshops

Voluntary Work

Member of the Board Swiss Open Systems User Group /ch/open (promotion of open source software and open standards)
EVP Stadt Bern (Swiss evangelical people's party)

Active Member StopArmut 2015 (co-leader of Swiss advocacy campaign for the UN Millennium Development Goals)
TearFund Schweiz (international aid organization)

Former Activities 2005 – 2010 AELL (Swiss association for scholarships at a teachers education institute in Lima, Peru)
1998 – 2000 Amnesty International (local group leader)
1986 – 1998 Boy scouts (group leader, organizing camps and other events)

Hobbies

Writing and reading blogs, working with Linux, cooking for family and friends, jogging, bicycle tours, hiking, building igloos

Scientific, Peer-Reviewed Publications

Matthias Stuermer 2009 "How Firms Make Friends: Communities in Private-Collective Innovation" doctoral thesis under supervision of Prof. Georg von Krogh, Chair of Strategic Management and Innovation, ETH Zürich

Matthias Stuermer, Sebastian Spaeth, Georg von Krogh 2009 "Extending private-collective innovation: a case study" R&D Management 39(2), pp. 170-191

Sebastian Spaeth, Matthias Stuermer, Georg von Krogh 2009 "The Push Model of Open Innovation" International Journal of Technology Management, Special Issue on Open Innovation, forthcoming

Georg von Krogh, Matthias Stuermer, Markus Geipel, Sebastian Spaeth, Stefan Haefliger 2009 "How component dependencies predict change in complex technologies" working paper

Georg von Krogh, Sebastian Spaeth, Guido Hertel, Matthias Stuermer 2009 "Developer motivation in collaborative innovation: The impact of perceived firm characteristics" working paper

Sebastian Spaeth, Georg von Krogh, Matthias Stuermer, Stefan Haefliger 2008 "A Lightweight Model of Component Reuse: A Study of Software Packages in Debian GNU/Linux" working paper

Sebastian Spaeth, Matthias Stuermer, Stefan Haefliger, Georg von Krogh 2007 "Sampling in Open Source Software Development: The case for using the Debian GNU/Linux Distribution" Proceedings of the 40th Annual Hawaii International Conference on System Sciences (HICSS)

Matthias Stürmer 2005 "Open Source Community Building" licentiate (master thesis), University of Bern

Articles and Press Releases

"Was haben Politik und Informatik miteinander zu tun?" KMUlife 1/2010

"IT-Kosten senken und Abhängigkeiten vermindern - Open Source Einsatzstrategien für KMUs" KMUlife 1/2010

"Schweizer Schulen wenden sich ab von Microsoft und wollen auf Open Source Software setzen" Press release of Parliamentarian Group for Digital Sustainability, March 18, 2010

"Beschwerdeführer streben raschen Entscheid an im Verfahren gegen die Vergabe des 42-Millionen-Auftrags durch den Bund an Microsoft" Press release of the appellants against the federal administration, January 10, 2010

"Bundesverwaltung lässt Vergleichsverhandlungen scheitern: Gegendarstellung der Beschwerdeführer" Press release of the appellants against the federal administration, December 9, 2009

"Erneutes Informatik-Chaos in der Bundesverwaltung wegen Abhängigkeit zu proprietärer Software" Press release of Parliamentarian Group for Digital Sustainability, December 7, 2009

"Digitale Nachhaltigkeit – ein Konzept mit Zukunft" Netzwoche #20, November 11, 2009

"Kritik an Ausschreibungen der Schulinformatik, die a priori Microsoft Windows verlangen" Press release of Parliamentarian Group for Digital Sustainability, September 2, 2009

"Solothurner, ihr könnt stolz sein auf eure Informatik!" Solothurner Zeitung, July 7, 2009

"Nationalratsmitglieder aus der SP, EVP, FDP und GLP haben sieben Vorstösse zur Förderung von Open Source Software eingereicht" Press release of Parliamentarian Group for Digital Sustainability, June 18, 2009

"Keine Beschwerde gegen Microsoft-Vergabe im Kanton Bern – Verwaltung und Open Source Community beabsichtigen engere Zusammenarbeit" Press release of Canton of Bern and Swiss Open Systems User Group /ch/open, June 15, 2009

"Kostensparende und nachhaltige ICT-Lösungen mit Open Source Software" InfoWeek 01/2009

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“Kostensparende und nachhaltige ICT-Lösungen mit Open Source Software” SGWW (Wissensportal über Entwicklungen im öffentlichen Sektor), April 2009

“Open Source Software und die öffentliche Hand - Ein nachhaltiger Beitrag zur Wissensgesellschaft und zum Arbeitsplatz Schweiz” Publikation der Swiss Open Systems User Group /ch/open, 2009

“Warum das Open Source-Innovationsmodell nachhaltig ist” Goldwyn Report 05/2007

“Soll Office Open XML ein ISO Standard werden?” Computerworld Schweiz, Ausgabe #36-2007

Matthias Stürmer, Thomas Myrach “Open Source Community Building” Open Source Jahrbuch 2006

“Community Building” TYPO3 Magazin 1/2006

“Business Opportunities of Companies Active in Open Source Projects” unpublished working paper, 2005

Supervised Master Theses

“Open Source Strategie für eine Versicherung”, Master Thesis, August 2009

“Einfluss von Warentests auf Konsumenten und Anbieter”, Master Thesis, August 2009

“Entering a foreign country: Case Study of an Open Innovation-based company”, Master Thesis, August 2009

“Sustaining Paradise – Developing Indicators for a Sustainable Tourism Strategy”, Master Thesis, July 2009

“Entwicklungen von Ernährungsgewohnheiten der Trends für Convenience-, Gesundheits- und Nachhaltigkeitsprodukte”, Master Thesis, July 2009

“Bewertungsmodell von Immobilien”, Master Thesis, July 2009

“Strategie und strategisches Management in der Stadtentwicklung”, Master Thesis, March 2009

“The theoretical evaluation of the ‘Telescopic Observations’ framework as a new tool in strategy development for its incorporation into an existing firms overall planning methodology”, Master Thesis, November 2008

“The Fundamentals of Strategic Logic and Integration for Merger and Acquisition Projects”, Master Thesis, August 2008

“Businessplan für das Unternehmen Redwood Fessler”, Semester Thesis, July 2008

“Business Models for Open Source Software in the Mobile Device Market”, Master Thesis, May 2008

“Targetmarketing von Mikrofinanz-Investmentprodukten”, Master Thesis, May 2008

“Bugzilla Analysis”, Semester Thesis, April 2008

“Wachstumsoptionen eines Schweizer Logistikdienstleisters”, Master Thesis, April 2008

“Evaluation eines neuen Handlungssystems für Strukturierte Produkte auf Aktien zur Optimierung des Kundenservice”, Master Thesis, March 2008

“Open Source Software: An Insight to FLOSS Business Models and Profitability”, Master Thesis, September 2007

“Adaption eines sachgutbetrieblichen Produktionsstrategie-Modells für den Bankbetrieb”, Master Thesis, May 2007

“Demografische Untersuchung der Eclipse Core-Teams”, Master Thesis, March 2007

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Excerpt of Presentations

"Facilitating innovation by opening up software and encouraging external collaboration" Invitation to speak at TransferSummit 2010, June 24/25/26, Oxford, UK

"Begegnung zweier Welten - Proprietäre Software versus offene Lösungen" March 25th, 2010 panel discussion at OpenExpo 2010 in Bern, Switzerland

"Nachhaltige ICT mittels Open Source Community-Prinzip" November 26th, 2009 at the Kantonalen Informatikkonferenz Bern, Switzerland

"Nachhaltige, innovative eGovernment-Lösungen basierend auf dem Open Source Community-Prinzip" November 17th, 2009 in Fachsession of eGovernment-Symposium 2009, Bern, Switzerland

"Digitale Nachhaltigkeit: Auswirkungen für Business und Gesellschaft" November 12th, 2009 at World Usability Day, Technopark, Zürich, Switzerland

"Digitale Nachhaltigkeit: Zusammenhang zwischen Open Source Software, Offenen Standards und freiem Wissen" October 13th, 2009 at Fachtagung „InterOperabilität - vom Stand der Technik zu Zukunftsstrategien auf europäischer Ebene“ in Vienna, Austria

"Digitale Nachhaltigkeit in der Schweiz – ein Bericht zur Lage der Nation" September 23th, 2009 at OpenExpo, Switzerland

Participant of panel discussion "Proprietäre Software versus Opensource – Erfahrungen im Dokumenten Management" September 18th, 2009 at eGov Fokus "Dokumenten-Management und Langzeitarchivierung", Kompetenzzentrum Public Management und E-Government, Berner Fachhochschule Wirtschaft und Verwaltung, Switzerland

"Netzzunft-Treffen: Politik 2.0 Teil 1 – Digitale Nachhaltigkeit" July 29th, 2009 at ETH Zürich, Switzerland

"How firms make friends: Communities in Private-Collective Innovation" July 16th, 2009 at LIIP in Zürich, Switzerland

"Open Source Software für die öffentliche Hand: Ein nachhaltiger Beitrag für die Wissensgesellschaft Schweiz" March 4th, 2009 at the InfoSocietyDays 2009 in Bern, Switzerland

"Incentives and costs in implementing Private-Collective Innovation: A case study" October 16th, 2008 in the cege-Forschungskolloquium, Faculty of Economic Science at Georg-August-Universität Göttingen, Germany

"The Push Model of Open Innovation" August 13th, 2008 in the Strategy, Technology, and Innovation Track at the Academy of Management Annual Meeting 2008, Anaheim, USA

"Incentives and costs in implementing Private-Collective Innovation: A case study" August 12th, 2008 in the New Product Development Track at the Academy of Management Annual Meeting 2008, Anaheim, USA

"Code Reuse, Motivation, Koordination, Kollaboration: Was Entwicklerteams von Open Source Communities lernen können", May 28th, 2008 at Internet Briefing Software Development Conference, Zürich, Switzerland

"Enabling Knowledge Creation through Outsiders: Towards a Push Model of Open Innovation", May 27th, 2008 at ETH Zurich, MTEC Research Seminar, Zürich, Switzerland

"Incentives and Costs in Implementing Private-Collective Innovation: A Case Study", May 15th, 2006 at European Academy of Management 2008, Ljubljana, Slovenia

"Open Source Software und die öffentliche Hand: Chancen und Herausforderungen für die Schweiz", November 6th, 2007 at eGovernment Symposium, Bern, Switzerland

"Community Building als Wettbewerbsvorteil am Beispiel von Nokia", June 14th, 2007 at DIGICOMP OpenDay, Zürich

"Open Source Community Building: Perspektiven auf Makro- und Mikro-Ebene" June 6th, 2007 at Arbeitsgruppe Open Source der Schweizerischen Informatikkonferenz (SIK), Bern

"Crowding Effects: How Money Influences Open Source Projects and its Contributors" June 1st, 2007 at LinuxTag in Berlin