

## Curriculum vitae: Prof. Dr. rer. nat. Jörg P. Müller

Employment status: Full Professor  
Date of birth: 21.05.1965  
Nationality: Germany  
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Date of birth: 21. 5. 1965  
Place of birth: Fulda, Germany

### 1. Education

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| 1985 - 1991 | Study of Computer Science at Universität Kaiserslautern<br>Title: Diplom-Informatiker (1991)                                                                                                                                                                 |
| 1991- 1996  | Ph.D. student at Universität des Saarlandes,<br>Fakultät für Informatik, Saarbrücken<br>June 1996: Ph.D. (Dr. rer. nat) with Ph.D. thesis: An architecture for dynamically interacting agents<br>Supervisors: Prof. Dr. Jörg Siekmann, Prof. Dr. Gert Smolka |

### 2. Professional career

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| 1991 - 1996 | Research scientist at Deutsches Forschungszentrum für Künstliche Intelligenz (DFKI), Saarbrücken, Research group on Multiagent Systems (Prof.Dr. Jörg Siekmann) <ul style="list-style-type: none"><li>• Control architectures for autonomous cooperating software agents</li><li>• Decentralized coordination, planning, and optimization algorithms</li></ul>                                                                                                                              |
| 1996 – 1998 | Principal Research Scientist, Mitsubishi Electric Digital Library Group, London, UK; ab 1997: <ul style="list-style-type: none"><li>• Software architecture for agent-based digital libraries</li><li>• Intelligent, adaptive search</li></ul>                                                                                                                                                                                                                                              |
| 1998 - 1999 | Chief Software Architect Wiley Interscience, John Wiley & Sons, London, UK. <ul style="list-style-type: none"><li>• Agent concepts for personalized e-commerce services</li><li>• Multiagent-based workflow system</li></ul>                                                                                                                                                                                                                                                                |
| 1999 - 2006 | Principal Research Scientist, Siemens AG, Corporate Technology, Information & Communications. <ul style="list-style-type: none"><li>• Heading of competence field “Agent and Peer-to-Peer Computing”.</li><li>• Development and application of multiagent technologies for E-Commerce, Telecommunications, intelligent search, logistics</li><li>• Adaptive agents, learning in multiagent systems</li><li>• Peer-to-Peer networks for telecommunications and document management</li></ul> |
| 2004        | Full professorship in “Communication and Distributed Systems“ at Clausthal University of Technology                                                                                                                                                                                                                                                                                                                                                                                         |
| Since 2005  | Full professorship in „Business Information Technologies“ at Clausthal University of Technology.<br>Head of research group „Mobile and Enterprise Computing“.                                                                                                                                                                                                                                                                                                                               |

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| Since 2008 | Managing director of Department of Informatics at Clausthal University of Technology |
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### 3. Academic achievements

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| <b>Editorial board memberships</b>          |                                                                                                                                                                         |
|                                             | Autonomous Agents and Multiagent Systems (JAAMAS, Springer)                                                                                                             |
|                                             | Int'l Journal of Agent-Oriented Software Engineering (IJAOSE, Inderscience)                                                                                             |
|                                             | Electronic Commerce Research (ERC, Springer)                                                                                                                            |
| <b>Steering committee memberships</b>       |                                                                                                                                                                         |
|                                             | Central and Eastern European Conference on Multiagent Systems (CEEMAS)                                                                                                  |
|                                             | German Conference on Multi-Agent System Technologies (MATES)                                                                                                            |
|                                             | Multikonferenz Wirtschaftsinformatik (MKWI),                                                                                                                            |
|                                             | European Workshop on Multi-Agent Systems (EUMAS)                                                                                                                        |
|                                             | International Workshop on Agent-Oriented Software Engineering (AOSE)                                                                                                    |
| <b>Conference organization</b>              |                                                                                                                                                                         |
| 2014                                        | General Chair of 13 <sup>th</sup> German Conference on Multiagent Technologies                                                                                          |
| 2012                                        | Co-chair of 10 <sup>th</sup> International Conference on Practical Applications of Agents and Multiagent Systems (PAAMS)                                                |
| 2008                                        | General Chair of 7 <sup>th</sup> Internat. Conference on Autonomous Agents and Multi-agent Systems (AAMAS)                                                              |
| 2003                                        | General chair of 3 <sup>rd</sup> Central and Eastern European Conference on Multiagent Systems (CEEMAS)                                                                 |
| 2006, 2007                                  | Program Chair of 2 <sup>nd</sup> and 3 <sup>rd</sup> Internat. Conference on Interoperability for Enterprise Software and Applications (I-ESA)                          |
| 2003, 2007                                  | Program Chair of German Conference on Multi-Agent System Technologies (MATES)                                                                                           |
| 1999                                        | Program Chair of 2 <sup>nd</sup> International Conference on Autonomous Agents (AA)                                                                                     |
| 2003, 2004, 2005, 2011, 2012                | Co-Chair of International Workshop on Agent-Oriented Software Engineering (AOSE)                                                                                        |
| 1998-2010                                   | Co-Chair of International Symposium "From Agent Theory to Agent Implementation" (AT2AI, bi-annual)                                                                      |
| 2005, 2008, 2009, 2010                      | Co-Chair of International Workshop on Agent Technologies for Enterprise Interoperability (ATOP 2005, 2008, 2009, 2010)                                                  |
| <b>Awards</b>                               |                                                                                                                                                                         |
| 2006                                        | Best Paper Award at eChallenges 2006 Conference, Barcelona, Spain, for <i>Using Onion Routing to Secure Peer-to-Peer Supported Business Collaboration</i>               |
| 1994                                        | Best Paper Award at 2 <sup>nd</sup> International Conference on Cooperative Information Systeme, Toronto, for <i>An Architecture for Dynamically Interacting Agents</i> |
| <b>Reviewer/Evaluator/Expert activities</b> |                                                                                                                                                                         |
| Since 2008                                  | Proposal Evaluator for Nederlandse Organisatie voor Wetenschappelijk Onderzoek (NWO)                                                                                    |
| Since 2006                                  | Expert for European Commission (FP6 IST, FP7 ICT Projects and Proposals)                                                                                                |
| Since 2005                                  | Proposal Evaluator for Bayerische Forschungsstiftung                                                                                                                    |
| <b>Selected Projects</b>                    |                                                                                                                                                                         |
| 2011-2013                                   | ADMIT: Agent-oriented Distributed Data Mining using Computational Statistics (European Commission)                                                                      |
| 2009-2013                                   | PLANETS: Planning and decision-making in networks of autonomous actors in traffic (Federal funding)                                                                     |
| 2009-2013                                   | AIM: Adaptive Interaction mechanisms in IT-Ecosystems (IT-Ökosysteme, <a href="http://www.it-oekosysteme.org">www.it-oekosysteme.org</a> , Federal Funding)             |
| 2004-2007                                   | ATHENA: Advanced Technologies for Interoperability of Heterogeneous Enterprise Networks and Applications (EU FP6), lead of sub-project Model-Driven and Adap-           |

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|                                | tive Interoperability Architectures                                                                                                                                              |
| 2004-2007                      | ILIPT: Intelligent Logistics for Innovative Product Technologies (EU FP6)                                                                                                        |
| 2000-2005                      | Distributed software agents for secure, legally binding task delegation in mobile, collaborative applications (VESUV, BMWi), Multimedia Workplace of the Future (MAP, BMBF/BMWi) |
| 1994-1996                      | COMMA: Cooperative Man-Machine Architecture (BMFT)                                                                                                                               |
| 1991-1994                      | AKA-MOD: Modeling Autonomous Cooperating Agents (BMFT)                                                                                                                           |
| <b>Scientific Publications</b> |                                                                                                                                                                                  |
|                                | over 200 peer-reviewed publications including one monograph and 21 edited books                                                                                                  |
|                                | 90 DBLP entries                                                                                                                                                                  |
|                                | Hirsch index value: 27                                                                                                                                                           |