

CURRICULUM VITAE

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ACADEMIC EMPLOYMENT

04/13-07/13 Guest professor at Colorado State University, Fort Collins, USA and INRIA/IRISA in Rennes/France

01/09 Full professor at the RWTH Aachen University. Head of the Department for Software Engineering,

04/08-07/08 Guest professor at ISIS, Vanderbilt University, USA,

12/03 Full professor at the Braunschweig University of Technology. Head of the Institute for Software Systems Engineering,

04/03-07/03 Guest professor at INRIA/IRISA in Rennes, France,

12/02 Postdoctoral researcher in Computer Science at Munich University of Technology,

12/99 Three year fellowship of the Bayerisches Staatsministerium für Wissenschaft, Forschung und Kunst,

01/97 Postdoctoral researcher in Computer Science at Munich University of Technology.

06/92 Research and teaching assistant at Munich University of Technology

ACADEMIC SELF ORGANISATION

Since **10/10** Vice chair of the Prüfungsausschuss Informatik.

07/10-07/13 Chair of the interdisciplinary Forum Informatik.

Since **05/10** Vice chair of Kommission für Servicelehre der Informatik (KfSL).

Since **04/10** Vice chair of Kommission für Lehre Informatik (KfL).

11/04-12/08 Teaching Dean for Computer Science Diploma, Bachelor and Master and Lehramtsstudiengang Informatik, TU Braunschweig.

INDUSTRIAL EMPLOYMENT & INVOLVEMENT

- 04/10** – Co-founder of Synavision GmbH.
- 10/00** – **04/03** Co-founder and member of the supervisory board of Gentleware AG.
- 12/00** – **08/01** CEO and co-founder of Emporias e-Business GmbH.
- 03/91** – **04/91** Software developer at Siemens AG.
- 10/89** – **03/90** Software developer at Schuhmann Consulting AG.
- 11/88** – **10/89** Student software developer at TUM.

EDUCATION

- 08/03** Habilitation in Computer Science Munich University of Technology for Computer Science.
- 12/96** Dr. rer. nat. (Ph.D.) in Computer Science Munich University of Technology with distinction.
- 04/92** Diploma in Computer Science Munich University of Technology with distinction.

MAJOR ACHIEVEMENTS

- 2011** Models conference best paper award.
- 2008** UML/Models conference series most influential paper award.
- 2007** Darpa Urban Challenge on autonomic driving in urban areas. 7th place among 89 participants (best non-American).
- 1999** Bayerischer Habilitationsförderpreis. (Three year fellowship)
- 1997** Ph.D. thesis. Nominated for GI Dissertationspreis (Award of the German Community for Computer Science).
- 1992** Siemens Award for best CS-Diploma at the Munich University of Technology.

ACTIVITIES

- Editor-In-Chief of the International Journal of Software and System Modeling (Sosym), Springer Verlag Heidelberg since 2001.
- Co-Founder and Steering-Committee-Member of the GI Querschnitts-Fachausschuss “Modellierung”. Chief organizer since 2010.
- Co-General Chair and Program Chair for the German “Software Engineering” Conference 2013 in Aachen.
- Editor of the “Aachener Informatik-Berichte, Software Engineering” series, Shaker Verlag, since 2010.
- Chair of the Program Committee Workshop on Formal Methods and Agile

Methods, September 17, 2010, Pisa, Italy.

- Organizer of the Conference “Software im Fahrzeug”, VW-Auto Uni, May 5, 2010.
- Program Committee Chair of the SOFSEM 2010: Theory and Practice of Computer Science. 36th Conference. Spindleruv Mlyn, Czech Republic, January 2010.
- Program Committee Chair of Modellierung ‘04, Marburg, Germany, March 2004 and the 2nd International Conference on the Unified Modeling Language «UML’99», Fort Collins, Colorado, USA, Oct. 99.
- Co-organizer of a number of workshops and seminars in Dagstuhl.
- Program Committee member of various conferences and workshops.
- Tutorial chair, panelist, tutorial speaker, invited speaker, Summer School lecturer at numerous occasions.
- Member of the Steering Committee for the «UML/MODELS»-Conference Series from 1999-2008 (Chair during 2000-2002) and of the Modellierung-Conference Series 2003-2008.

BOOKS

1. S. Kowalewski, B. Rumpe (Hrsg.). Software Engineering 2013 Fachtagung Proceedings. GI-Edition – Lecture Notes in Informatics (LNI), P-213. 2013.
2. B. Rumpe. Agile Modellierung mit UML – Codegenerierung, Testfälle, Refactoring. Springer. 2. überarbeitete Auflage, Juni 2012.
3. S. Jähnichen, B. Rumpe, H. Schlingloff (Hrsg.). Software Engineering 2012 Workshopband, 27.02.-02.03.12 in Berlin, GI-Edition – Lecture Notes in Informatics (LNI), P-199, Bonn Köllen-Verlag, 2012.
4. B. Rumpe. Modellierung mit UML – Sprache, Konzepte und Methodik. Springer. 2. überarbeitete Auflage. August 2011.
5. H. Giese, G.Karsai, E. Lee, B. Rumpe, B. Schätz (Eds.). MBEERTS: Model-Based Engineering of Embedded Real-Time Systems. International Dagstuhl Workshop. Dagstuhl Castle, Germany, LNCS 6100, Springer Berlin, October 2010.
6. S. Gruner, B. Rumpe (Eds.) FM + AG 2010: Second International Workshop on Formal Methods and Agile Methods. GI-Edition - Lecture Notes in Informatics (LNI), P-179, Bonner Köllen Verlag, 2010.
7. J. van Leeuwen, A. Muscholl, D. Peleg, J. Pokorny, B. Rumpe (Eds.). SOFSEM 2010: Theory and Practice of Computer Science. 36th Conference. Spindleruv Mlyn, Czech Republic, LNCS 5901, Springer Berlin, January 2010.
8. B. Rumpe. Agile Modellierung mit UML – Codegenerierung, Testfälle, Refactoring. Springer. August 2004.
9. B. Rumpe. Modellierung mit UML – Sprache, Konzepte und Methodik. Springer. Mai 2004.
10. B. Rumpe, W. Hesse (Hrsg.) Modellierung 2004. Proceedings. 23.-26. März 2004, Marburg GI. Lecture Notes in Informatics. P-45. 2004.
11. M. Fontoura, W. Pree, B. Rumpe. 框架体系结构的 UML 档案. China Machine Press. 2003. (Textbook on the UML Profile for Framework Architectures, in Chinese).
12. M. Fontoura, W. Pree, B. Rumpe. The UML Profile for Framework Architectures. Addison-Wesley. 2001.
13. M. Broy, B. Rumpe. Übungen zur Einführung in die Informatik – Strukturierte Aufgabensammlung mit Musterlösungen. 2. Auflage. Springer Verlag Berlin Heidelberg New York. 2001. (Textbook for the Introduction to Computer Science – Exercises and Solutions, in German).
14. A. Evans, R. France, A. Moreira, B. Rumpe. Practical UML-Based Rigorous Development Methods - Countering or Integrating the

- eXtremists. Workshop of the pUML-Group held together with the «UML»'2001. October 1st, 2001 in Toronto, Canada. GI. Lecture Notes in Informatics. P-7. 2001.
15. М. Брой, Б. Румпе. Введение в информатику: сборник задач. Структурированное собрание упражнений с образцами решений. Научный Мир, Диалог МИФИ. Москва, 2000. (Textbook for the Introduction to Computer Science – Exercises and Solutions, in Russian).
 16. M. Broy, H. Ehler, B. Paech, B. Rumpe, V. Thurner. Software Engineering. Schlüssel zu Prozeßbeherrschung und Informationsmanagement. TCW 2000.
 17. R. France, B. Rumpe. (Eds.) «UML»'99 – The Unified Modeling Language. Beyond the Standard. Proceedings of the 2nd International Conference. Fort Collins, USA, October 28-30, 1999. LNCS 1723, Springer Verlag Berlin. 1999.
 18. H. Kilov, B. Rumpe, I. Simmonds. (Eds.) Behavioral Specifications of businesses and systems. Kluwer Academic Publishers, 1999.
 19. M. Broy, B. Rumpe. (Eds.) Requirements Targeting Software and Systems Engineering. International Workshop RTSE'97. Bernried, Germany, October 1997. Proceedings. LNCS 1526, Springer Verlag. November 1998.
 20. M. Broy, B. Rumpe. Übungen zur Einführung in die Informatik. Strukturierte Aufgabensammlung mit Musterlösungen. Springer Verlag. 1997 (in German).
 21. B. Rumpe. Formale Methodik des Entwurfs verteilter objektorientierter Systeme. Herbert Utz Verlag Wissenschaft, ISBN 3-89675-149-2. Dissertation Technische Universität München. 1996. (Ph.D. thesis: Formal Method for Design of Distributed Object-Oriented Systems, in German).

EDITED WORKSHOP PROCEEDINGS

22. J. M. Atlee, R. Baillargeon, M. Chechik, R. F. France, J. Gray, R. F. Paige, B. Rumpe. 5th International Workshop on Modeling in Software Engineering (MiSE 2013). Proceedings of the 35th International Conference on Software Engineering, May 18-26, 2013, San Francisco, pages 1531-1532, IEEE Press, Piscataway, USA, 2013.
23. S. Gnesi, S. Gruner, N. Plat, B. Rumpe. Proceedings of 1st International Workshop on Formal Methods in Software Engineering: Rigorous and Agile Approaches (FormSERA), June 2, 2012, Zurich, Switzerland, 2012.
24. J. Atlee, R. Baillargeon, R. France, G. Georg, A. Moreira, B. Rumpe, S. Zschaler. Proceedings of 4th International Workshop on Modeling in Software Engineering (MiSE), June 2-3, 2012, Zurich, Switzerland, 2012.
25. M. Bielikova, J. van Leeuwen, A. Muscholl, D. Peleg, J. Pokorny, B.

- Rumpe (Eds.). SOFSEM 2010: Theory and Practice of Computer Science. 36th Conference. Volume II, Spindleruv Mlyn, Czech Republic, Institute of Computer Science AS CR, Prague, January 2010.
26. T. Klein, B. Rumpe. Tagungsband Modellierungs-Workshop MBEFF: Modellbasierte Entwicklung von eingebetteten Fahrzeugfunktionen. Informatik-Bericht 2008-01. Technische Universität Braunschweig, 2008
 27. M. Conrad, H. Giese, B. Rumpe, B. Schätz. Tagungsband Dagstuhl-Workshop MBEES: Modellbasierte Entwicklung eingebetteter Systeme III. Informatik-Bericht 2007-01. Technische Universität Braunschweig, 2007
 28. U. Frank, B. Rumpe. Qualität konzeptueller Modelle. Workshop. Modellierung' 2006, Innsbruck. 2006.
 29. H. Giese, B. Rumpe, B. Schätz. Tagungsband Dagstuhl-Workshop MBEES: Modellbasierte Entwicklung eingebetteter Systeme II. Informatik-Bericht 2006-01. Technische Universität Braunschweig. 2006.
 30. T. Klein, B. Rumpe, B. Schätz. Tagungsband Dagstuhl-Workshop MBEES: Modellbasierte Entwicklung eingebetteter Systeme. Technischer Bericht SSE-TUBS-2005-01. Technische Universität Braunschweig. 2005.
 31. J. Jürjens, E. Fernandez, R. France, B. Rumpe. 3rd International Workshop on Critical Systems Development with UML. Informatik TUM-I0415. Technische Universität München. 2004.
 32. E. Fernandez, R. France, J. Jürjens, B. Rumpe. Critical Systems Development with UML – Proceedings of the «UML'03» Workshop. Informatik TUM-I0323. Technische Universität München. 2003.
 33. J. Jürjens, M. Cengarle, E. Fernandez, B. Rumpe, R. Sandner. Critical Systems Development with UML – Proceedings of the «UML'2002» Workshop. Informatik TUM-I0208. Technische Universität München. 2002.
 34. G. Reggio, A. Knapp, B. Rumpe, B. Selic, R. Wieringa. Dynamic Behavior in UML Models: Semantic Questions. «UML'2000» Workshop Proceedings. Informatik TR 0006. LMU München. 2000.
 35. H. Kilov, B. Rumpe, I. Simmonds. Seventh OOPSLA Workshop on Behavioral Semantics of OO Business and System Specifications. Technical Report TUM-I9820 TU Munich. 1998.
 36. H. Kilov, B. Rumpe. Second ECOOP Workshop on Precise Behavioral Semantics (with an Emphasis on OO Business Specifications). Technical Report TUM-I9813 TU Munich. 1998.
 37. M. Broy, B. Rumpe. RTSE'97 Requirements Targeting Software Engineering. Technical Report TUM-I9807 TU Munich. 1998.
 38. M. Broy, D. Coleman, T. Maibaum, B. Rumpe. PSMT'98 Workshop on

Precise Semantics for Software Modeling Techniques. Technical Report TUM-I9803. TU Munich. 1998.

39. H. Kilov, B. Rumpe, I. Simmonds. OOPSLA'97 Workshop on Object-Oriented Behavioral Semantics. Technical Report TUM-I9737 TU Munich. 1997.
40. H. Kilov, B. Rumpe. ECOOP'97 Workshop on Precise Semantics for Object-Oriented Modeling Techniques. Technical Report TUM-I9725 TU Munich. 1997.

GUEST EDITORIALS

41. W. Hesse, B. Rumpe. Editorial zum Themenheft Modellierung. In: Informatik in Forschung und Entwicklung (IFE), Band 20, Nummer 1, Springer Verlag, 2005.
42. M. Glinz, G. Müller-Luschnat, B. Rumpe. Modellierung 2002. In: Informatik in Forschung und Entwicklung (IFE), Band 18, Nummer 3, Guest Editorial, Springer Verlag, 2004.
43. T. Maibaum, B. Rumpe. Journal of Automated Software Engineering: Special Issue on Precise Semantics for Software Modeling Techniques (PSMT'— an ICSE'98 Workshop). Editorial. Volume 7, Issue 1. Kluwer Academic Publishers. March 2000.
44. R. France, B. Rumpe: A Series of Editorials for the International Journal of Software and System Modeling (Sosym), Springer Verlag Heidelberg. 2002-now

JOURNAL ARTICLES

45. J. Ringert, B. Rumpe. A Little Synopsis on Streams, Stream Processing Functions, and State-Based Stream Processing. In: International Journal of Software and Informatics, Volume 5, Issue 1-2 (2011), Part I, pp. 29-53. Juli 2011.
46. N. Fisch, M. Look, S. Plesser, C. Pinkernell, B. Rumpe. Der Energie-Navigator – Performance-Controlling für Gebäude und Anlagen. In: Technik am Bau (TAB) – Fachzeitschrift für Technische Gebäudeausrüstung, 04/2011, pp. 36-41, bau verlag, March 2011.
47. M. N. Fisch, S. Plesser, C. Pinkernell, B. Rumpe. Virtueller Prüfstand für Gebäude: Der Energie-Navigator. XIA Intelligente Architektur (ISSN 0949-2356), Vol. 73, 10-12/10:68-70, October 2010.
48. H. Krahn, B. Rumpe, S. Völkel. MontiCore: a Framework for Compositional Development of Domain Specific Languages. In: International Journal on Software Tools for Technology Transfer (STTT), Volume 12, Issue 5, pp. 353-372, September 2010 .
49. C. Berger, B. Rumpe. Supporting Agile Change Management by Scenario-Based Regression Simulation. In: IEEE Transactions on

- Intelligent Transportation Systems, Volume 11, Issue 2, pp. 504-509, June 2010.
50. T. Mens, J. Magee, B. Rumpe. Evolving Software Architecture Descriptions of Critical Systems. In: IEEE Computer. Pg. 42-48, May, 2010.
 51. J. Bézivin, R. Paige, U. Aßmann, B. Rumpe, D. C. Schmidt. Dagstuhl Manifesto on Model Engineering for Complex Systems. In: Informatik Spektrum. Band 31 (5), pg. 420-423, Springer Verlag Berlin, Okt. 2009
 52. S. Robra-Bissantz, B. Rumpe, P. Helmholz, E. Kozlowski, D. Reiß, S. Siegel: Software Engineering serviceorientierter Prozesse. In: Praxis der Wirtschaftsinformatik, Heft 266, pp. 26-34, dpunkt.verlag, 2009
 53. F. Rauskolb, K. Berger, C. Lipksi, M. Magnor, K. Cornelsen, J. Effertz, T. Form, F. Graefe, S. Ohl, W. Schumacher J-M. Wille, P. Hecker, T. Nothdurft, M. Doering, K. Homeier J. Morgenroth, L. Wolf, C. Basarke, C. Berger, T. Gülke, F. Klose, B. Rumpe. Caroline: An Autonomously Driving Vehicle for Urban Environments. In: Journal of Field Robotics, Wiley Periodicals, Volume 25 Issue 9, pp. 674-724, 2008.
 54. S. Glesner, S. Jähnichen, B. Paech, B. Rumpe, T. Wetter, A. Winter: Manifest: Strategische Bedeutung des Software Engineering für die Medizin. Computer Science - Research and Development. Band 22(3): 127-135. 2008.
 55. F. Fieber, M. Huhn, B. Rumpe. Modellqualität als Indikator für Softwarequalität: eine Taxonomie. In: Informatik-Spektrum. Springer Verlag. Band 31, Heft 5, Oktober 2008.
 56. C. Basarke, C. Berger, B. Rumpe. Software & Systems Engineering Process and Tools for the Development of Autonomous Driving Intelligence. In: Journal of Aerospace Computing, Information, and Communication (JACIC) Vol.4, Nr.12, S. 1158-1174, October 2007.
 57. M. Broy, B. Rumpe: Modulare hierarchische Modellierung als Grundlage der Software- und Systementwicklung. In: Informatik-Spektrum. Springer Verlag. Band 30, Heft 1, Februar 2007.
 58. M. Broy, M. Jarke, M. Nagl, D. Rombach, A. Cremers, J. Ebert, S. Glesner, M. Glinz, M. Goedicke, G. Goos, V. Gruhn, W. Hasselbring, S. Jähnichen, S. Kowalewski, B. Krämer, S. Leue, C. Lewerentz, P. Liggesmeyer, C. Lüth, B. Paech, H. Partsch, I. Philippow, L. Prechelt, A. Rausch, W. de Roever, B. Rumpe, G. Rünger, W. Schäfer, K. Schneider, A. Schürr, W. Tichy, B. Westfechtel, W. Zimmermann, A. Zündorf. Manifest. Strategische Bedeutung des Software Engineering in Deutschland. In: Informatik Spektrum. Springer Verlag. Band 29, Heft 3, Juni 2006.
 59. B. Rumpe, J. Schiffers: Herausforderungen an die Diagnose. Integration der Diagnose in die Steuergeräteentwicklung. In: ZfAW. Zeitschrift für

- die gesamte Wertschöpfungskette Automobilwirtschaft. 1/2006. pg. 65-69. FAW-Verlag Bamberg, January 2006.
60. D. Turk, R. France, B. Rumpe. Assumptions Underlying Agile Software Development Processes. In: Journal of Database Management, Volume 16, No. 4, pp. 62-87, October 2005, Idea Group Inc.
 61. D. Harel, B. Rumpe. Meaningful Modeling: What's the Semantics of „Semantics“? In: Computer, Volume 37, No. 10, pp 64-72. IEEE, October 2004.
 62. J. Botaschanjan, M. Pister, B. Rumpe. Testing Agile Requirements Models. In: Journal of Zhejiang University , Volume 5, No. 5, May, 2004.
 63. B. Rumpe, P. Scholz. Scaling the Management of Extreme Programming Projects. In: Projects & Profits. Special Issue on Management of Extreme Programming Projects, Vol. III (8), pp. 11-18. ICFAI Press, Hyderabad, August 2003.
 64. M. Broy, R. Breu, F. Huber, I. Krüger, B. Rumpe, W. Schwerin. Methodik, Sprachen und Grundlagen des Software Engineering – Abschlußbericht des Forschungslabors SysLab (1.10.1994-30.9.1999). In: Informatik Forschung und Entwicklung, Band 16, Heft 1, pp. 53-59. Springer Verlag. 2/2001.
 65. R. France, A. Evans, K. Lano, B. Rumpe. The UML as a Formal Modeling Notation. In: Computer Standards and Interfaces. Elsevier Science Publisher. 19 (1998). Pp. 325-334.
 66. R. Breu, R. Grosu, C. Hofmann, F. Huber, I. Krüger, B. Rumpe, M. Schmidt, W. Schwerin. Exemplary and Complete Object Interaction Descriptions. In: Computer Standards and Interfaces. Elsevier Science Publisher. 1998.

JOURNAL ARTICLES (UNREFEREED)

67. P. Pietsch, K. Müller, B. Bumpé. Model Matching Challenge: Benchmarks for Ecore and BPMN Diagrams. In: Softwaretechnik-Trends, Volume 33, Issue 2, Mai 2013.
68. N. Bencomo, G. Blair, S. Götz, B. Morin, B. Rumpe. Report on the 7th International Workshop on Models@run.time. In: ACM SIGSOFT Software Engineering Notes, vol. 38, no. 1, pages 27-30, January 2013.
69. S. Gruner, B. Rumpe. FormSERA Workshop on Formal Methods in Software Engineering: Rigorous and Agile Approaches (FormSERA), FormSERA Workshop June 2nd, 2012, at ICSE 2012, Zürich. In: ACM SIGSOFT Software Engineering Notes, vol. 37, no. 6, pages 28-30, November 2012.
70. S. Maoz, J.O. Ringert, B. Rumpe. An Interim Summary on Semantic Model Differencing. In: Softwaretechnik-Trends, vol. 32, issue 4,

November, 2012.

71. M. N. Fisch, S. Plessner, C. Pinkernell, B. Rumpe. Software für die energieoptimierte Betriebsführung von Gebäuden. BINE Informationsdienst Projektinfo (ISSN 0937-8367), 14/10:1-4, October 2010.
72. C. Berger, B. Rumpe. Autonomes Fahren - Erkenntnisse aus der DARPA Urban Challenge. Unter: Aktuelle Forschungsschwerpunkte. In: information technology, (50) 4/2008, pg. 258-264, Oldenbourg, 2008.
73. H. Krahn, B. Rumpe, S. Völkel. Mit Sprachbaukästen zur schnelleren Softwareentwicklung: Domänenspezifische Sprachen modular entwickeln. In: OBJEKTSpektrum Heft 4, 2008.
74. B. Rumpe, J. Schmid. Oberflächen mit MDA: Beschreiben statt Programmieren. In: OBJEKTSpektrum Heft 2, 2005.
75. B. Rumpe, R. Sandner. UML - Unified Modeling Language im Einsatz. Teile 1-2. Hintergrund und Notation der Standard UML. In: at – Automatisierungstechnik, Reihe Theorie für den Anwender, Band 49, Heft 9 und 10. 2001.
76. B. Rumpe, R. Sandner. UML – Unified Modeling Language im Einsatz. Teil 3. UML-RT für echtzeitkritische und eingebettete Systeme. In: at – Automatisierungstechnik, Reihe Theorie für den Anwender, Band 49, Heft 11. 2001.
77. B. Rumpe, A. Schürr. Second GROOM-Workshop “Syntax and Semantics of object-oriented Methods”. In: OBJEKTSpektrum. SIGS Publications. 1997.

BOOK CHAPTERS

78. J. O. Ringert, B. Rumpe, A. Wortmann. A Requirements Modeling Language for the Component Behavior of Cyber Physical Robotics Systems. In: N. Seyff, A. Koziol (eds.): Modelling and Quality in Requirements Engineering, Essays Dedicated to Martin Glinz on the Occasion of his 60th Birthday, December 2012, pp.133-146, Verlag Monsenstein und Vannerdat, 2012.
79. B. Rumpe, I. Schaefer, G. Snelting. 20 Jahre Softwaretechnik an der TU Braunschweig. In H.-D. Ehrich (Hrsg.): 40 Jahre Informatik an der Technischen Universität Braunschweig 1972-2012. GI-Edition Lecture Notes in Informatics, pp.140-147, 2012.
80. J. Sprinkle, B. Rumpe, H. Vangelhuwe, G. Karsai. Metamodelling: State of the Art and Research Challenges. In: MBEERTS: Model-Based Engineering of Embedded Real-Time Systems, p. 57-76, LNCS 6100, Springer Berlin, October 2010.
81. T. Levendovszky, B. Rumpe, B. Schätz, J. Sprinkle. Model Evolution and Management. In: MBEERTS: Model-Based Engineering of Embedded Real-

Time Systems, p. 241-270, LNCS 6100, Springer Berlin, October 2010.

82. F. Rauskolb, K. Berger, C. Lipksi, M. Magnor, K. Cornelsen, J. Effertz, T. Form, F. Graefe, S. Ohl, W. Schumacher, J-M. Wille, P. Hecker, T. Nothdurft, M. Doering, K. Homeier, J. Morgenroth, L. Wolf, C. Basarke, C. Berger, T. Gülke, F. Klose, B. Rumpe. Caroline: An Autonomously Driving Vehicle for Urban Environments. In: M. Buehler, K. Iagnemma, S. Singh (Eds.). The DARPA Urban Challenge - Autonomous Vehicles in City Traffic. Springer Tracts in Advanced Robotics, Volume 56, pp. 441-508, 2010.
83. M. Broy, M. V. Cengarle, H. Grönniger, B. Rumpe. Considerations and Rationale for a UML System Model. In: Kevin Lano, editor, UML 2 Semantics and Applications. John Wiley & Sons, 2009
84. M. Broy, M. V. Cengarle, H. Grönniger, B. Rumpe. Definition of the System Model. In: Kevin Lano, editor, UML 2 Semantics and Applications. John Wiley & Sons, 2009
85. B. Gajanovic, H. Grönniger, B. Rumpe. Model Driven Testing of Time Sensitive Distributed Systems. In: From MDD Concepts to Experiments and Illustrations. Eds: J-P Babau, J. Champeau, S. Gerard. ISTE Ltd. 2006.
86. H. Krahn, B. Rumpe. Techniques For Lightweight Generator Refactoring. In: Generative and Transformational Techniques in Software Engineering, R. Lämmel and J. Saraiva and J. Visser (Eds.) LNCS 4143, Springer 2006.
87. H. Krahn, B. Rumpe. Grundlagen der Evolution von Software-Architekturen. In: Handbuch der Software-Architektur. R. Reussner, W. Hasselbring (Eds.), 133-151, dpunkt-Verlag, 2006.
88. B. Rumpe. E-Business Experiences with Online Auctions. In: Managing E-Commerce and Mobile Computing Technologies, J. Mariga (Ed.) IRM Press., 2003.
89. J. Philipps, B. Rumpe. Refactoring of Programs and Specifications. In: Practical foundations of business and system specifications. H. Kilov and K. Baclawski (Eds.), 281-297, Kluwer Academic Publishers, 2003.
90. B. Rumpe. «Java»OCL Based on New Presentation of the OCL-Syntax. In: Object Modeling with the OCL. T. Clark, J. Warmer (Eds.) 189-212, LNCS 2263. Springer Verlag Berlin. 2002.
91. S. Cook, A. Kleppe, R. Mitchell, B. Rumpe, J. Warmer, A. Wills. The Amsterdam Manifesto on OCL. In: Object Modeling with the OCL. Tony Clark, Jos Warmer (Eds.), LNCS 2263. Springer Verlag Berlin. 2002.
92. C. Jacobi, B. Rumpe. Hierarchical XP. Improving XP for large scale projects in analogy to reorganization processes. In: Extreme Programming Examined. G. Succi, M. Marchesi. (Eds.) Addison-Wesley, 2001.

93. A. Evans, K. Lano, R. France, B. Rumpe. Meta-Modeling Semantics of UML. In: Behavioral Specifications of businesses and systems. H. Kilov, B. Rumpe, I. Simmonds. (Eds.) Kluwer Academic Publishers, 1999.
94. F. Huber, O. Rabe, B. Rumpe. FRISCO OEF - Dokument-basiertes Editor Framework. In: Erfahrungen mit Java. Projekte aus Industrie und Hochschule. Ed: Silvano Maffei, Fridtjof Toenniessen, Christian Zeidler. d-punkt Verlag, Heidelberg. 1999.
95. B. Rumpe. Formale Methodik des Entwurfs verteilter objektorientierter Systeme. In: Ausgezeichnete Informatikdissertationen 1997. B. G. Teubner Stuttgart. 1998.
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