

CURRICULUM VITAE

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ACADEMIC EMPLOYMENT

Since **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 – 12/08 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 SERVICE

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

Project leader and manager of the re-organisation of IT-Services for Teaching and Administration at TU Braunschweig.

INDUSTRIAL EMPLOYMENT

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 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.

HONOURS

2008 UML/Models conference series most influential paper award.

11/07 Darpa Urban Challenge. 7th place from 89 participants (best non-American).

11/99 Bayerischer Habilitationsförderpreis. (Fellowship awarded to promote habilitation),

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.
- Co-Founder and Steering-Committee-Member of the GI Querschnitts-Fachausschuss “Modellierung”.
- 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 many workshops and seminars in Dagstuhl.
- Program Committee member of many conferences and workshops

(estimated 50).

- Tutorial chair, panelist, tutorial speaker, lecturer at Summer Schools.
- Invited speaker at UNISCON'08, Future of Software Engineering (FOSE) at ICSE'07, Virtual Vehicle Creation (VVC'07), Automotive Symposium Cologne'06, ISSRE'04, FMCO'02, UML Theme Days (Turku) 2002, Radical Innovations for SE Workshop (Venice) 2002, Modellierung '2001.
- Member of the Steering Committee for the «UML/MODELS»-Conference Series since 1999 (Chair during 2000-2002) and of the Modellierung-Conference Series 2003-2008.

BOOKS

1. 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.
2. B. Rumpe. Agile Modellierung mit UML – Codegenerierung, Testfälle, Refactoring. Springer. 2004.
3. B. Rumpe. Modellierung mit UML – Sprache, Konzepte und Methodik. Springer. 2004.
4. B. Rumpe, W. Hesse (Hrsg.) Modellierung 2004. Proceedings. 23.-26. März 2004, Marburg GI. Lecture Notes in Informatics. P-45. 2004.
5. 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).
6. M. Fontoura, W. Pree, B. Rumpe. The UML Profile for Framework Architectures. Addison-Wesley. 2001.
7. 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).
8. 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.
9. М. Брой, В. 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).
10. M. Broy, H. Ehler, B. Paech, B. Rumpe, V. Thurner. Software Engineering. Schlüssel zu Prozeßbeherrschung und Informationsmanagement. TCW 2000.
11. 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.
12. H. Kilov, B. Rumpe, I. Simmonds. (Eds.) Behavioral Specifications of businesses and systems. Kluwer Academic Publishers, 1999.
13. 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.

14. 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

15. 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.
16. T. Klein, B. Rumpe. Tagungsband Modellierungs-Workshop MBEFF: Modellbasierte Entwicklung von eingebetteten Fahrzeugfunktionen. Informatik-Bericht 2008-01. Technische Universität Braunschweig, 2008
17. 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
18. U. Frank, B. Rumpe. Qualität konzeptueller Modelle. Workshop. Modellierung' 2006, Innsbruck. 2006.
19. H. Giese, B. Rumpe, B. Schätz. Tagungsband Dagstuhl-Workshop MBEES: Modellbasierte Entwicklung eingebetteter Systeme II. Informatik-Bericht 2006-01. Technische Universität Braunschweig. 2006.
20. T. Klein, B. Rumpe, B. Schätz. Tagungsband Dagstuhl-Workshop MBEES : Modellbasierte Entwicklung eingebetteter Systeme. Technischer Bericht SSE-TUBS-2005-01. Technische Universität Braunschweig. 2005.
21. J. Jürjens, E. Fernandez, R. France, B. Rumpe. 3rd International Workshop on Critical Systems Development with UML. Informatik TUM-I0415. Technische Universität München. 2004.
22. 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.
23. 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.
24. 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.
25. 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.

26. 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.
27. M. Broy, B. Rumpe. RTSE'97 Requirements Targeting Software Engineering. Technical Report TUM-I9807 TU Munich. 1998.
28. 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.
29. H. Kilov, B. Rumpe, I. Simmonds. OOPSLA'97 Workshop on Object-Oriented Behavioral Semantics. Technical Report TUM-I9737 TU Munich. 1997.
30. H. Kilov, B. Rumpe. ECOOP'97 Workshop on Precise Semantics for Object-Oriented Modeling Techniques. Technical Report TUM-I9725 TU Munich. 1997.

GUEST EDITORIALS

31. R. France, B. Rumpe: A Series of Editorials for the International Journal of Software and System Modeling (Sosym), Springer Verlag Heidelberg. 2002-now
32. W. Hesse, B. Rumpe. Editorial zum Themenheft Modellierung. In: Informatik in Forschung und Entwicklung (IFE), Band 20, Nummer 1, Springer Verlag, 2005.
33. 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.
34. 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.

JOURNAL ARTICLES

35. R. Baillargeon, R. France, G. Georg, B. Rumpe, S. Völkel, S. Zschaler: Workshop on Modeling in Software Engineering at ICSE 2009. In: ACM SIGSOFT Software Engineering Notes, Volume 34, Issue 4th July 2009
36. 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
37. 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.

38. 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.
39. 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.
40. F. Fieber, M. Huhn, B. Rumpe. Modellqualität als Indikator für Softwarequalität: eine Taxonomie. In: Informatik-Spektrum. Springer Verlag. Band 31, Heft 5, Oktober 2008.
41. H. Krahn, B. Rumpe, S. Völkel. Mit Sprachbaukästen zur schnelleren Softwareentwicklung: Domänenspezifische Sprachen modular entwickeln. In: OBJEKTspektrum Heft 4, 2008.
42. 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.
43. M. Broy, B. Rumpe: Modulare hierarchische Modellierung als Grundlage der Software- und Systementwicklung. In: Informatik-Spektrum. Springer Verlag. Band 30, Heft 1, Februar 2007.
44. 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.
45. 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.
46. 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.
47. B. Rumpe, J. Schmid. Oberflächen mit MDA: Beschreiben statt Programmieren. In: OBJEKTspektrum Heft 2, 2005.
48. D. Harel, B. Rumpe. Meaningful Modeling: What's the Semantics of „Semantics“? In: Computer, Volume 37, No. 10, pp 64-72. IEEE, October 2004.

49. J. Botaschanjan, M. Pister, B. Rumpe. Testing Agile Requirements Models. In: Journal of Zhejiang University , Volume 5, No. 5, May, 2004.
50. 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.
51. 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.
52. 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.
53. 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.
54. 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.
55. 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.
56. 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.
57. B. Rumpe, A. Schürr. Second GROOM-Workshop “Syntax and Semantics of object-oriented Methods”. In: OBJEKTSpektrum. SIGS Publications. 1997.

BOOK CHAPTERS

58. 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.

59. 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.
60. 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.
61. 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.
62. B. Rumpe. E-Business Experiences with Online Auctions. In: Managing E-Commerce and Mobile Computing Technologies, J. Mariga (Ed.) IRM Press., 2003.
63. 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.
64. 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.
65. 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.
66. 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.
67. 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.
68. 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.
69. B. Rumpe. Formale Methodik des Entwurfs verteilter objektorientierter Systeme. In: Ausgezeichnete Informatikdissertationen 1997. B. G. Teubner Stuttgart. 1998.
70. R. Breu, R. Grosu, F. Huber, B. Rumpe, W. Schwerin. Systems, Views and Models of UML. In: The Unified Modeling Language, Technical Aspects and Applications. Ed.: Martin Schader, Axel Korthaus. Physica Verlag, Heidelberg. 1998.
71. R. Breu, R. Grosu, F. Huber, B. Rumpe, W. Schwerin. Towards a Precise Semantics for Object-Oriented Modeling Techniques. In: Object-Oriented Technology, ECOOP'97 Workshop Reader. Ed.: J. Bosch, S. Mitchell.

Springer Verlag, LNCS 1357. 1997.

72. B. Rumpe, C. Klein. Automata Describing Object Behavior. In: Specification of Behavioral Semantics in Object-Oriented Information Modeling. Ed.: H. Kilov, W. Harvey. Kluwer Academic Publishers. 1999.

CONTRIBUTIONS TO CONFERENCES

73. M. V. Cengarle, H. Grönniger, B. Rumpe. Variability within Modeling Language Definitions. In: Model Driven Engineering Languages and Systems. Proc. of MODELS 2009, LNCS 5795, Springer Verlag, Denver, Colorado, USA, October 2009.
74. C. Berger, B. Rumpe. Hesperia: Framework zur Szenario-gestützten Modellierung und Entwicklung Sensor-basierter Systeme. 7. Workshop Automotive Software Engineering. In: Proceedings INFORMATIK 2009. GI Edition - Lecture Notes in Informatics (LNI), Vol. P154, 2009.
75. C. Herrmann, H. Krahn, B. Rumpe, M. Schindler, S. Völkel: Scaling-Up Model-Based-Development for Large Heterogenous Systems with Compositional Modeling. In: Proceedings of the International Conference on Software Engineering Research & Practice. pp 172-178. 2009.
76. C. Bartelt, M. Broy, C. Herrmann, E. Knauss, M. Kuhrmann, A. Rausch, B. Rumpe, K. Schneider: Orchestration of Global Software Engineering Projects. In: IEEE International Conference on Global Software Engineering, 2009. ICGSE 2009
77. A. Beresnev, B. Rumpe, F. Schroven. Automated Testing of Graphical Models in Heterogeneous Test Environments. 6th International Workshop on Intelligent Transportation. Hamburg University of Technology. 24.-25. März 2009
78. H. Grönniger, Jan Oliver Ringert, B. Rumpe. System Model-Based Definition of Modeling Language Semantics. In: Formal Techniques for Distributed Systems. LNCS 5522. Proceedings of International Conferences FMOODS/FORTE 2009 Lisbon, Portugal. Springer Verlag. 2009
79. C. Berger, B. Rumpe. Nutzung projektiver Texturen auf einer GPU zur Distanzmessung automotiver Sensorsimulationen. In: Proceedings des 10. Braunschweiger Symposiums "Automatisierungssysteme, Assistenzsysteme und eingebettete Systeme für Transportmittel". GZVB Braunschweig. Februar 2009.
80. A. Bartels, C. Berger, H. Krahn, B. Rumpe. Qualitätsgesicherte Fahrentscheidungsunterstützung für automatisches Fahren auf Schnellstraßen und Autobahnen. In: Proceedings des 10. Braunschweiger Symposiums "Automatisierungssysteme, Assistenzsysteme und eingebettete Systeme für Transportmittel". GZVB Braunschweig. Februar 2009.
81. H. Krahn, B. Rumpe, S. Völkel. MontiCore: Modular Development of

- Textual Domain Specific Languages. In: Proceedings of the 46th International Conference Objects, Models, Components, Patterns (TOOLS-Europe). Zurich, Switzerland, 2008. R. F. Paige, B. Meyer: LNBIP 11, pp. 297-315. Springer-Verlag Berlin-Heidelberg 2008.
82. D. Reiss, B. Rumpe, M. Schulze-Quester, M. Stein. Evolving and Implanting Web-based E-Government Systems in Universities. In: Proceedings to the 2nd International United Information Systems Conference (UNISCON). Klagenfurt, Austria, April 22-25, 2008. In: R. Kaschek, C. Kop, C. Steinberger, G. Fliedl: LNBIP 5, pp. 282-295. Springer-Verlag Berlin-Heidelberg 2008.
 83. H. Grönniger, J. Hartmann, H. Krahn, S. Kriebel, L. Rothhardt, B. Rumpe. Modelling Automotive Function Nets with Views for Features, Variants, and Modes. 4th European Congress ERTS - Embedded Real Time Software, Toulouse 2008.
 84. S. Glesner, S. Jähnichen, B. Paech, B. Rumpe, T. Wetter, A. Winter, Strategische Bedeutung des Software Engineering für die Medizin, In: Proceedings der Tagung Software Engineering 2007, Lecture Notes in Informatics (LNI), Hamburg, Germany, Mar 2007.
 85. H. Krahn, B. Rumpe, S. Völkel. Integrated Definition of Abstract and Concrete Syntax for Textual Languages. In: Proceedings of the ACM/IEEE 10th International Conference on Model Driven Engineering Languages and Systems (MODELS 2007), G. Engels et al.(Eds.): LNCS 4735. Springer 2007.
 86. C. Herrmann, H. Krahn, B. Rumpe, M. Schindler, S. Völkel. An Algebraic View on the Semantics of model Composition. In: Third European Conference on Model Driven Architecture - Foundations and Applications (ECMDA-FA 2007), Haifa, Israel. D. H. Akehurst, R. Vogel, R. F. Page: LNCS 4530, pp. 99-113. Springer 2007.
 87. C. Basarke, C. Berger, K. Hohmeier, B. Rumpe. Design and quality assurance of intelligent vehicle functions in the “virtual vehicle”. In: 11th Automotive Technology Conference. Virtual Vehicle Creation 2007. Vieweg Technology Forum. 2007.
 88. R. France, B. Rumpe. Model-Driven Development of Complex Software: A Research Roadmap. In: Future of Software Engineering 2007 at ICSE, Minneapolis, 37-54, 2007.
 89. B. Rumpe. Agile Test-based Modeling. In: Proceedings of the 2006 International Conference on Software Engineering Research & Practice. SERP'2006. CSREA Press, USA, June 2006.
 90. H. Krahn, B. Rumpe. Enabling Architectural Refactorings through Source Code Annotations. Eds.: H. C. Mayr, R. Breu. In: Modellierung 2006, LNI P-82, Innsbruck.
 91. H. Grönniger, H. Krahn, B. Rumpe and M. Schindler. Integration von

- Modellen in einen codebasierten Softwareentwicklungsprozess. Eds.: H. C. Mayr, R. Breu. In: Modellierung 2006, LNI P-82, Innsbruck.
92. B. Rumpe. Agile Modeling with the UML. Ed.: M. Wirsing, A. Knapp, S. Balsamo. In: Radical Innovations of Software and Systems Engineering in the Future. 9th International Workshop, RISSEF 2002. Venice, Italy, October 2002. LNCS 2941. Springer Verlag 2004.
 93. B. Rumpe. Model-Based Testing of Object-Oriented Systems. Ed.: F. de Boer, M. Bonsangue, S. Graf, W.-P. de Roever. In: Formal Methods for Components and Objects. International Symposium, FMCO 2002. Leiden, November 2002. Revised Lectures. LNCS 2852, Springer Verlag 2003.
 94. J. Botaschanjan, M. Pister, B. Rumpe. Testing Agile Requirements Models. Ed.: C. Chen, W. Dosch, Y. Qian, H. Lin. In: Proceedings of the First Hangzhou-Lübeck Conference on Software Engineering (HL-SE 03). Hangzhou, China, Nov. 1-2, 2003.
 95. D. Bettencourt da Cruz, B. Rumpe, G. Wimmel. Retrofitting Security into a Web-Based Information System. In: Web Engineering. International Conference ICWE 2003. Oviedo, Spain, Proceedings LNCS 2722, Springer Verlag, July 2003.
 96. W. Pree, M. Fontoura, and B. Rumpe. Product Line Annotations with UML-F. Ed.: G.J. Chastek. In: Software Product Lines - Second International Conference, SPLC 2, San Diego. Proceedings LNCS 2379, Springer Verlag, 2002
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