Tiziana Margaria

List of publications

The contributions are organized along two dimensions:

- **Grouped by category**: invited contributions, journals, books and book chapters, reviewed conference papers, panels, tutorials, refereed tool presentations (with proceedings), industry-oriented papers.

- **With colour tags according to a classification of content**: grouped as Service Engineering, Testing, Formal Methods, Tools, Bio- and Health, (E-)Business, and general Software Engineering. Some contributions belong to more than one group and are thus labelled with more tags.

An index of the contributions according to this classification is provided on page 22.

Panels


[P6] **Everything you ever wanted to know about software assurance**, panel at ISSRE 2007, the 18th IEEE International Symposium on Software Reliability Engineering, 5-9th November, Trollhättan (S).


Invited Contributions:

[E36] T. Margaria, B. Floyd, B. Steffen:
IT Simply Works! Simplicity and embedded systems design

[E35] T. Margaria:
eXtreme Model Driven Design/Engineering as a disruptive technology in the software development
Keynote at SEAA 2010 · 36th EUROMICRO Conference on Software Engineering and Advanced Applications (SEAA) - Lille (F), 1-3 Sept. 2010.

[E34] T. Margaria:
eXtreme Model Driven Design/Engineering.
Invited talk at SYRCoSE 2010 · Spring/Summer Young Researchers’ Colloquium on Software Engineering, Nizhny Novgorod (RUS), 1-2 June 2010.

[E33] T. Margaria, B. Steffen:
Continuous Model-Driven Engineering

[E32] F. Howar, T. Margaria, B. Steffen, C. Wagner:
Behaviour extraction by efficient automata learning: the Voyager case study,
3rd IEEE Int. Conf. on Space Mission Challenges for Information Technology (SMC-IT), Track on Autonomic and Autonomous Space Exploration Systems, Pasadena, 19-23 July 2009

[E31] M. Hinchey, M. Jackson, P. Cousot, B. Cook, J. Bowen, T. Margaria:
Software Engineering and Formal Methods,

[E30] T. Margaria:
The Semantic Web Services Challenge: Tackling Complexity at the Orchestration Level,

[E29] T. Margaria, B. Steffen:
Middleware: Just Another Level for Orchestration,

[E28] T. Margaria:
Service is in the eyes of the beholder.

[E27] T. Margaria:
Towards SOA/Web2.0 Telco Creation Toolkits,
Invited presentation at the workshop IMS and Web2.0/SOA at the 3rd International FOKUS IMS Workshop, Berlin (D), Fraunhofer Gesellschaft, Nov. 2007.

[E26] T. Margaria:
Hot topics in the Future of FET,

[E25] W. Stüttgen, V. Enkrodt, T. Margaria:
Education 3.0 mit Web 2.0: Status, Stärken, Schwächen, Perspektiven

[E24] T. Margaria:
Thinking in Services: Methodologies and Adoption,
[E23] T. Margaria:
*Participation in the Age of Web 2.0*
Keynote at SEMISH - XXXIV Seminário Integrado de Software e Hardware, part of the XXVII Conference of the Brazilian Computing Society, Rio de Janeiro (BRA), July 2-6, 2007.

[E22] [E22] T. Margaria, H. Raffelt, B. Steffen, M. Leucker:
*The LearnLib in FMICS-JETI*,

[E21] T. Margaria:
*Education 3.0 mit Web 2.0: Was machen die Anderen - Blicke über den eLearning Horizont*,
Keynote at the Grundfragen Multimedialen Lehrens und Lernens - Neue Medien und Technologien der Informationsgesellschaft, 19.-20.3.2007, Technische Universität Berlin, Germany.

[E20] T. Margaria:
*Service and software research driving European Competitiveness*
invited talk at the IST event 2006, Session on Service and Software Architectures, Infrastructures and Engineering, Helsinki, 22.11.2006.

[E19] [E19] T. Margaria, B. Steffen:
*Service Engineering: Linking Business and IT*,

[E18] B. Steffen, T. Margaria:
*Continuous Engineering of Embedded Systems*,

[E17] [E17] T. Margaria, C. Kubczak, M. Njoku, B. Steffen:
*Model-based Design of Distributed Collaborative Bioinformatics Processes in the jABC*,

[E16] M. Högl, T. Margaria, B. Steffen:
*The Galileogate Solution Factory For Location-Based Integrated Services*,

[E15] A. Arenas, J. Bicarregui, T. Margaria:
*The FMICS View on the Verified Software Repository*

[E14] [E14] T. Margaria:
*Service Engineering: between Software and Business*

[E13] T. Margaria:
*Modeling in the Context of Legacy Systems*,

[E12] T. Margaria:
*Frontiers of Complexity in System-Level Workflows: Interaction and Emerging Behaviour*,

[E11] T. Margaria:
*Modelling Dependable Systems: What can Model Driven Development Contribute and What Likely Not?*,


T. Margaria, K.-F. Bruhns, V. Kriete: "Service Creation Environments: Today and Tomorrow," half-day tutorial, 4th Int. Conf. on Intelligent Networks (ICIN'96), Nov. 1996, Bordeaux (France).


Journals


[J26] T. Margaria, C. Kubczak, B. Steffen:

GeneFisher-P: Variations of GeneFisher as Processes in BioJETI.

[J24] M. Bajohr, T. Margaria:
MaTRICS: A service-based management tool for remote intelligent configuration of systems,

[J23] M. Högl, T. Margaria, B. Steffen:

[J22] T. Margaria, H. Raffelt, B. Steffen:
Knowledge-based relevance filtering for efficient system-level test-based model generation.


[J20][J20] T. Margaria:
Web Services-Based Tool-Integration in the ETI Platform,

[J19][J19] T. Margaria, B. Steffen:
Aggressive Model Driven Development for the Management of Service Evolution,

[J18] T. Margaria B. Steffen:
Lightweight Coarse-grained Coordination: A Scalable System-Level Approach,

[J17] A. Hagerer, H. Hungr, T. Margaria, O. Niese, B. Steffen:
An Operational Procedure for Model-Based Testing of CTI Systems,

Efficient Regression Testing of CTI-Systems: Testing a Complex Call-Center Solution,

Incremental Requirement Specification for Evolving Systems,

[J14] V. Braun, T. Margaria, B. Steffen:
The Electronic Tool Integration Platform,
Special Theme Issue on "Internet Based Technology Transfer Services" of the Journal Asia Pacific Tech Monitor, 2001.

An Automated Testing Environment for CTI Systems Using Concepts for Specification and Verification of Workflows,


Books and Book Chapters

[B17][B17][B17] F. Howar, M. Merten, B. Steffen, T. Margaria: 
*Practical Aspects of Active Automata Learning*

[B16][B16][B16] J. Neubauer, T. Margaria, B. Steffen: 
*Design for Verifiability: The OCS Case Study*

[B15][B15] T. Margaria, S. Boßelmann, M. Doedt, B. D. Floyd, B. Steffen: 
*Customer-Oriented Business Process Management: Vision and Obstacles*

[B14][B14][B14] T. Margaria, B. Steffen: 
*Service Orientation: Conquering complexity with XMDD*
In *Conquering Complexity*, Mike Hinchey and Lorcan Coyle Eds., Springer Verlag - 2012

[B13][B13] C. Kubczak, T. Margaria, B. Steffen: 

[B12][B12][B12] T. Margaria, B. Steffen: 
*Business Process Modelling in the jABC: The One-Thing-Approach*,

*Value delivery through IT-based healthcare architectures: Towards a competence-based view of service*

[B10] S. Kopka, T. Margaria, B. Steffen: 
*Wettbewerbsvorteile durch Prozesskompetenzen: Kalkulation von IT Services und wirtschaftliche Erfolgskontrolle durch Prozessautomatisierung*

*Status, Perspectives, and Lessons Learned*,
In *Semantic Web Services Challenge - Results from the First Year*,

[B8][B8] U. Küster, B. König-Ries, T. Margaria, B. Steffen: 
*Comparison: Handling Preferences with DIANE and miAamics*,
In *Semantic Web Services Challenge - Results from the First Year*,

[B7][B7] C. Kubczak, T. Margaria, B. Steffen, C. Winkler, H. Hungar: 
*An Approach to Discovery with miAamics and jABC*,
In *Semantic Web Services Challenge - Results from the First Year*,

*Comparison: Mediation on WebML/WebRatio and jABC/JETI*
In *Semantic Web Services Challenge - Results from the First Year*,

[B5][B5] T. Margaria, M. Bakera, C. Kubczak, S. Naujokat, B. Steffen: 
*Automatic Generation of the SWS-Challenge Mediator with jABC/ABC*,
In *Semantic Web Services Challenge - Results from the First Year*,
Reviewed Conference Papers

[C109] T. Margaria:
Formal Methods in the Era of Service-Oriented Design

[C108] T. Margaria, B. Floyd, B. Steffen:
IT Simply Works: Simplicity and Embedded Systems Design.

[C107] T. Margaria, B. Steffen:
Simplification through Change of Perspective

[C106] I. Schaefer, A.-L. Lamprecht, T. Margaria:
Feature-oriented Variability Modeling - Less is More,

[C105] A.-L. Lamprecht, T. Margaria, I. Schaefer, B. Steffen:
Comparing Structure-oriented and Behaviour-oriented Variability Modeling for Workflows,
1st Int. Worksh. on Eternal Systems (EternalS’11), Communications in Computer and Information Science (CCIS), Springer, 2011.

[C104] A.-L. Lamprecht, S. Naujokat, T. Margaria, B. Steffen:
Synthesis-Based Loose Programming
Proc. QUATIC 2010 - 7th Int. Conf. on the Quality of Information and Communications Technology – Track on “Quality in ICT Verification and Validation” - Porto (P), 29 Sept. - 2 Oct. 2010, IEEE CS Publisher.

[C103] A.-L. Lamprecht, S. Naujokat, B. Steffen, T. Margaria:
Constraint-Guided Workflow Composition Based on the EDAM Ontology.
[C102] A.-L. Lamprecht, S. Naujokat, T. Margaria, B. Steffen: 
Semantics-Based Composition of EMOSS Services with Bio-jETI 

[C101] T. Margaria, D. Meyer, C. Kubczak, M. Isberner, B. Steffen: 
Synthesizing Semantic Web Service Compositions with jMosel and Golog 
ISWC'09, 8th Int. Semantic Web Conference, Chantilly, VA, USA, October 2009, LNCS 5823, Springer Verlag.

[C100] C. Kubczak, T. Margaria, B. Steffen: 
Mashup Development for Everybody: A Planning-Based Approach. 
SMR2, Proc. 3rd Int. Workshop on Service Matchmaking and Resource Retrieval in the Semantic Web, colocated with the ISWC-2009, Washington DC, USA, October 25, 2009 
http://sunsite.informatik.rwth-aachen.de/Publications/CEUR-WS/Vol-525/

[C99] N. Blum, T. Magedanz, T. Margaria: 
Rapid Service Creation using eXtreme Model Driven Design for real-time Communications Services on top of NGNs 
Proc. ICIN'09, 13th Int. Conf. on Intelligent Networks, Bordeaux, 23-26 October 2009.

[C98] B. Steffen, S. Jörges, C. Wagner, T. Margaria: 
Maintenance, or the 3rd dimension of eXtreme model-driven design. 

[C97] S. Jörges, M. Bakera, T. Margaria, C. Lattemann: 

[C96] T. Margaria, C. Wagner, M. Bakera: 
Component-Oriented Behavior Extraction for Autonomic System Design using Games. 

[C95] A.-L. Lamprecht, T. Margaria, B. Steffen: 
From Workflow Models to Code in Bio-jETI 

[C94] C. Wagner, H.-G. Pagendarm, T. Margaria: 
Analysis and Model Extraction for C/C++ Source Code 

[C93] M. Bakera, S. Jörges, T. Margaria: 
Test your Strategy: Graphical Construction of Strategies for Connect-Four. 

[C92] N. Blum, T. Magedanz, J. Kleeßen, T. Margaria 
Enabling eXtreme Model Driven Design of Parlay X-based Communications Services for End-to-End Multiplatform Service Orchesturations 

[C91] M. Bajoehr, T. Margaria: 
Model-driven Self-reconfiguration for Highly Available SOAs 

[C90] A.-L. Lamprecht, T. Margaria, B. Steffen: 
Supporting Process Development in Bio-jETI by Model Checking and Synthesis 
http://sunsite.informatik.rwth-aachen.de/Publications/CEUR-WS/Vol-435/ (journal version invited for BMG)


[C64] C. Wagner, T. Margaria, H.-G. Pagendarm:  
Comparative analysis of tools to be used for data extraction for automated software re-engineering purposes,  

[C63] [C63] B. Steffen, T. Margaria, R. Nagel, S. Jörges, C. Kubczak:  
Model-Driven Development with the JABC,  

[C62] [C62] T. Margaria, M. G. Hinchey, H. Raffelt, J.L. Rash, C A. Rouff, B. Steffen:  
Completing and Adapting Models of Biological Processes,  

[C61] T. Margaria, M. G. Hinchey, J.L. Rash, C A. Rouff, B. Steffen:  
Enhanced Requirements-Based Programming for Complex Model Completion  

[C60] A.-L. Lamprecht, T. Margaria, B. Steffen:  
Datenflussanalyse als Modelchecking im JABC,  

[C59] T. Margaria, B. Steffen, M. Reitenspieß:  
Service-Oriented Design: The Roots,  

[C58] T. Margaria, H. Raffelt, B. Steffen:  
Analyzing Second-Order Effects Between Optimizations for System-Level Test-Based Model Generation,  

[C57] [C57] B. Steffen, H. Raffelt, T. Margaria:  
Searching for Regular Patterns by Observation,  

[C56] T. Margaria, B. Steffen:  
From the How to the What,  

[C55] T. Margaria, B. Steffen:  
Run-time Agents as a Means of reconciling Flexibility and Scalability - A radical view?  

[C54] T. Margaria, P.A. Sistla, B. Steffen, L. Zuck:  
Taming Interface Specifications  

[C53][C53] M. Bajohr, T. Margaria:  
MaTRICS: A Management Tool for Remote Intelligent Configuration of (Pervasive) Systems  

[C52] T.Margaria, B. Steffen:  
Second-Order Semantic Web  
[C51] T. Margaria, R. Nagel, B. Steffen:  
Remote Integration and Coordination of Verification Tools in ETI  

[C50] M. Karusseit, T. Margaria:  
Feature-based Modelling of a Complex, Online-Reconfigurable Decision Support Service,  

[C49] T. Margaria, H. Raffelt, B. Steffen, O. Niese:  
Efficient Test-based Model Generation of Legacy Systems  

[C48] Tiziana Margaria:  
Components, Features, and Agents in the ABC.  

[C47] H. Hungar, T. Margaria, B. Steffen:  
Test-Based Model Generation for Legacy Systems.  

[C46] T. Margaria, B. Steffen:  
Aggressive Model-Driven Development: Synthesizing Systems from Models viewed as Constraints.  

[C45] T. Margaria, M. Wübben:  
Tool Integration in the ETI Platform – Review and Perspectives.  

[C44] T. Margaria, M. Karusseit:  
Community Usage of the Online Conference Service: an Experience Report from three CS Conferences,  

[C43] T. Margaria, B. Steffen:  
Scalable System-level CTI Testing through Lightweight Coarse-grained Coordination.  

[C42] T. Margaria, O.Niese, B. Steffen, A. Erochok:  
System Level Testing of Virtual Switch (Re-)Configuration over IP.  

[C41] O.Niese, T. Margaria, B. Steffen:  
Automated Functional Testing of Web-based Applications.  
Proc. QWE’01, 5th Conf. On Software and Internet Quality Week Europe, Brussels (B), March 2002.

[C40] T. Margaria, V. Braun, B. Steffen:  
The Electronic Tool Integration Platform (ETI) and its Role for Petri Net Technology.  

[C39] B. Lindner, T. Margaria, B. Steffen:  
[C38] O. Niese, T. Margaria, A. Hagerer, B. Steffen, G. Brune, W. Goerigk, H.-D. Ide: 
Automated Regression Testing of CTI–Systems, 

[C37] B. Steffen, T. Margaria, V. Braun: 
Coarse Granular Model Checking in Practice, 

[C36] O. Niese, B. Steffen, T. Margaria, A. Hagerer, G. Brune, H.-D. Ide: 
Library-Based Design and Consistency Checking of System-Level Industrial Test Cases, 

[C35] O. Niese, T. Margaria, M. Nagelmann, B. Steffen, G. Brune, H.-D. Ide: 
An Open Environment for Automated Integrated Testing, 
Proc. QWE’00, 4th Int. Conf. On Software and Internet Quality Week Europe, Brussels (B), Nov. 2000.

[C34] B. Jonsson, T. Margaria, G. Naeser, J. Nyström, B. Steffen: 
Incremental Requirement Specification for Evolving Systems, 

[C33] B. Steffen, V. Braun, T. Margaria: 
Personalized Electronic Commerce Services, 
Proc. IFIP WG 7.3 8th Int. Conference on Telecommunication Systems Modeling and Analysis, March 2000, Nashville, Tennessee, USA.

[C32] B. Steffen, T. Margaria: 
METAFrame in Practice: Intelligent Network Service Design, 

[C31] T. Margaria, V. Gruhn: 
Flexible and Reliable Process Model Properties: An Integrated Approach, 

[C30] T. Margaria, M. Mendler, C. Gsottberger: 
Modelling and Verification of Unbounded Length Systolic Arrays in Monadic Second Order Logic, 

[C29] The Electronic Tool Integration Platform, 

[C28] T. Margaria, V. Braun: 
Formal Methods and Customized Visualization: A Fruitful Symbiosis 

[C27] T. Margaria, B. Steffen: 
Backtracking-free Design Planning by Automatic Synthesis in METAFrame, 

[C26] V. Braun, T. Margaria, B. Steffen, H. Yoo: 
Automatic Error Location for IN Service Definition, 

[C25] P. Kelb, T. Margaria, M. Mendler, C. Gsottberger: 
MODEL: A Sound and Efficient Tool for M2L(St), 


[C11] B. Freitag, T. Margaria, B. Steffen: 
**Deductive Database Support for Software Configuration**, 

[C10] B. Freitag, T. Margaria, B. Steffen: 
**A Pragmatic Approach to Software Synthesis**, 
ACM SIGPLAN Workshop on Interface Definition Languages, Portland, Oregon, Januar 1994, ACM SIGPLAN Notices

[C9] C. Weise, T. Margaria: 
**Continuous Real Time Models in Practice**, 
Proc. 5th Euromicro Workshop on Real Time Systems, Oulu, (Finland), June 1993, IEEE CS Press.

[C8] T. Margaria, B. Steffen: 
**Distinguishing Formulas for Free**, 

[C7] T. Margaria: 
**Efficient RT-Level Verification by Theorem Proving**, 
IFIP World Conference'92, Madrid (Spain), Sept. 1992, in IFIP Transactions A-12, North-Holland, pp. 696-702.

[C6] T. Margaria: 
**Hierarchical mixed-mode verification of complex FSMs described at the RT level**, 

[C5] P. Camurati, T. Margaria, P. Prinetto: 
**Formal verification of design correctness of sequential circuits based on theorem provers**, 

[C4] P. Camurati, T. Margaria, P. Prinetto: 
**Resolution-based correctness proof of synchronous circuits**, 

[C3] P. Camurati, T. Margaria, P. Prinetto: 
**Use of the OTTER theorem prover for the formal verification of hardware**, 

[C2] P. Camurati, T. Margaria, P. Prinetto: 
**The use of F^2 in functional descriptions of VLSI**, 

[C1] P. Camurati, T. Margaria, P. Prinetto: 
**VLSI functional descriptions in F^2**, 
Reviewed Tool Presentations

[Ct13] M. Merten, B. Steffen, F. Howar, T. Margaria:
Next Generation LearnLib.

[Ct12] T. Margaria, C. Kubczak:
eXtreme Model-Driven Design with jABC,

[Ct11] S. Jõrges, T. Margaria, B. Steffen:
FormulaBuilder: A Tool for Graph-based Modelling and Generation of Formulae,

[Ct10] C. Topnik, E. Wilhelm, T. Margaria, B. Steffen:
jMosel: A Stand-Alone Tool and jABC Plugin for M2L(Str),

[Ct9] A.L. Lamprecht, T. Margaria, B. Steffen:
Data-Flow Analysis as Model Checking within the jABC,
Proc. CC'06, 15th Int. Conf. on Compiler Construction, Vienna (A), March 2006, LNCS, 3923, Springer Verlag, pp. 101—104.

[Ct8] T. Margaria, R. Nagel, B. Steffen:
jETI: A Tool for Remote Tool Integration

[Ct7] O.Niese, T. Margaria, B. Steffen:
Demonstration of an Automated Integrated Test Environment for Web-based Applications,

Demonstration of an Operational Procedure for the Model-Based Testing of CTI Systems,

[Ct5] V. Braun, J. Kreileder, T. Margaria, B. Steffen:
The ETI Online Service in Action,

[Ct4] B. Steffen, T. Margaria, A. Claßen, V. Braun:
The METAFrame'95 Environment,

[Ct3] B. Steffen, T. Margaria, A. Claßen, V. Braun:
Incremental Formalization,

[Ct2] B. Steffen, T. Margaria, A. Claßen, V. Braun, R. Nisius, M. Reitenspieß:
A Constraint-Oriented Service Creation Environment

[Ct1] B. Steffen, T. Margaria, A. Claßen:
The METAFrame: An Environment for Flexible Tool Management,
Industry-oriented Contributions

[I13] T. Margaria, C. Rasche:
Tektonische Verschiebungen im Gesundheitssektor –
IT-induzierte Wettbewerbsvorteile durch die Gleichrichtung von Hardware, Software und Peopleware
CeBIT Future Talk, 4.3.2008, Hannover

[I12] M. Bakera, T. Margaria:
The SHADOWS Story on Implementation, Verification and Property-Guided Autonomy for Self-Healing Systems

[I11] T. Margaria-Steffen, E. Sultanow:
Globales Design - Geodaten: Quellen und Zugriffsmöglichkeiten,
ix - Magazin für professionelle Informationstechnik N. 9, pp. 139-142, Sept. 2008, Heise Verlag.

[I10] N. Blum, T. Magedanz, T. Margaria:
Challenges for Service Creation in Telecommunications in face of emerging technologies as NGN, SOA and Web 2.0.

Plug and Play with FMICS-jETI: Beyond Scripting and Coding.
ERCIM News N.73, April 2008, pp. 41-42.

[I8] C. Kubczak, T. Margaria, B. Steffen, P. Grünewald:
Geballte Kompetenz - Integration und verteilte Nutzung von entfernten Diensten zur Prozessmodellierung

The jABC Approach to Collaborative Development of Embedded Applications,

[I6] T. Margaria:
Experience in technology transfer and lessons learned for an applied CS Curriculum.

[I5] T. Margaria, B. Steffen:
Personalisierung im Zeitalter des Ubiquitous Computing,

[I4] B. Steffen, T. Margaria:
360° Personalisierung: Erwartungen und Realität,

[I3] V. Braun, T. Margaria:
 Neue Internet-Organisation zur Strukturierung und Organisation von Inhalten und Abläufen,

[I2] T. Margaria, V. Braun, B. Steffen:

[I1] T. Margaria, B. Steffen:
Coarse-grain Component Based Software Development: The METAFrame Approach,
Other Workshop contributions

[W22] T. Margaria:
IT (simply) works!

[W21] T. Margaria:
Component-Oriented Behavior Extraction for Autonomic System Design,

[W20] T. Margaria:
Der jABC Ansatz als komplementär zu monolitischen Krankenhausinformationssystemen

Test your Strategy – Intuitive Strategy Definition and Evaluation for Novices and Experts

[W18] T. Margaria, C. Wagner, M. Bakera:
Component-Oriented Behavior Extraction for Autonomic System Design using Games

Wettbewerbsvorteile durch Web-Services in der Gesundheitswirtschaft: Kompetenztheoretische Voraussetzungen und unternehmenspraktische Handlungsfelder digitaler Geschäftssysteminnovationen

[W16] A. Braun von Reinersdorf, T. Margaria, C. Rasche, B. Steffen:
Ambidextrie im Gesundheitswesen: Multifokales Management als Strategieparadigma? IT-induzierte Kompetenzvorteile durch die Synthese von Hardware, Software und Peopleware

[W15] S. Kopka, T. Margaria, B. Steffen:
Wettbewerbsvorteile durch Prozesskompetenzen: Kalkulation von IT Services und wirtschaftliche Erfolgskontrolle durch Prozessautomatisierung

[W14] T. Margaria:
Workflow Management im Gesundheitswesen
ISoLA-Med 2009, part of the Potsdam Process Engineering Week, Potsdam, 4-5 Juni 2009.

Abductive Synthesis of the Mediator Scenario with jABC and GEM

Advances in Solving the Mediator Scenario with jABC and jABC/GEM

[W11] C. Kubczak, R. Nagel, T. Margaria, B. Steffen:
The jABC Approach to Mediation and Choreography,

[W10] M. Hinchey, T. Margaria, J. Rash, C. Rouff, B. Steffen:
Enhanced Requirements-Based Programming for Embedded Systems Design,

[W9] T. Margaria, B. Steffen:
Aggressive Model-Driven Development: Synthesizing Systems from Models viewed as Constraints,
Dagstuhl-Workshop on *Modellbasierte Entwicklung eingebetteter Systeme (MBEES)*, 10-14 Januar 2005, Schloss Dagstuhl (D)


Thematic Groups:

Service Engineering

[E5][E7][E12][E16][E18][E24][E27][E28][E29][E30][E36], [T2][T3][T6], [J3][J8][J10][J12][J14][J19][J20][J23][J24][J27][J28][J29][J31][J32][J34][J35][B2][B3][B4][B5][B6][B7][B8][B9][B12][B13][B14][B15][B16][B17][C15][C16][C17][C18][C23][C24][C25][C26][C28][C32][C39][C44][C45][C46][C50][C51][C53][C59][C63][C66][C67][C68][C69][C70][C71][C72][C73][C75][C82][C84][C86][C89][C90][C91][C92][C95][C97][C99][C100][C101][C102][C103][C104][C109][I1][I2][I3][I10], [W7][W15][W22]

Testing

[E4][E8][E9][E10][E11][E31], [T4], [J4][J5][J6][J7][J9][J10][J15][J21][J27][J33][J35][J36][B2][B4][B5][B16][B17][C1][C2][C4][C8][C10][C11][C12][C13][C14][C20][C22][C28][C31][C30][C34][C40][C46][C47][C54][C57][C60][C68][C71][C76][C77][C78][C79][C81][C85][C84][C90][C96][C100][C101][C102][C103][C104][C105][C109][C113][W1][W3][W4][W5][W6][W8][W9][W10][W18][W21]

Formal Methods

[P4], [E1][E2][E6][E15][E17][E22][E29][E32], [T1] [T5], [J1] [J2] [J27] [J33] [J35] [J36], [B4][B6][B7][B8][B13][B16][B17][C3][C5][C6][C7][C9][C19][C21][C29][C37][C40][C51][C53][C61][C62][C63][C65][C66][C69][C70][C71][C72][C73][C74][C76][C80][C81][C83][C84][C89][C91][C96], [C11][C12][C13][C14][C15][C16][C17][C18][C19][C10][C11][C12][C13][I7][I8], [W2][W3][W11][W12][W13]

Tools

[17], [J25][J26][J32][J34][B11][C62][C67][C74][C75][C82][C90][C95][C102][C103][C104][I8][I9][I13], [W14][W15][W16][W17][W20]

Bio- and Health

[17], [J25][J26][J32][J34][B11][C62][C67][C74][C75][C82][C90][C95][C102][C103][C104][I8][I9][I13], [W14][W15][W16][W17][W18][W19][W20][W22]

Business and E-Business

[P7], [E3][E4][E19][E30], [J25][J30], [B4][B5][B8][B10][B11][B12][B14][B15][C33][C39][C44][C72][C73][C79][C80][C93][C97], [I3][I4][I5][I13], [W14][W15][W16][W17][W18][W19][W20][W22]

Software Eng.

[P1][P3][P5][P6][P8], [E14][E13][E17][E21][E23][E25][E26][E31][E33][E34][E35][E36], [T6], [J11][J15][J18][J19][J20][J21][J30], [B12][B14][C27][C35][C45][C47][C52][C55][C56][C64][C87][C92][C94][C98][C100][C105][C106][C107][C108][C109][C112], [I2][I6][I9][I11][I12], [W22]

Others

[M1]