Curriculum Vitae

Univ.-Prof. Mag. Dr. Rick Rabiser
CDL VaSiCS and CPS Lab
Linz Institute of Technology
Open Innovation Center
Altenberger Str. 69,
4040 Linz, Austria
+43 (0) 732 2468 4363
rick.rabiser@jku.at
https://rickrabiser.github.io/rick/

Name:	Rick Rabiser
Date of Birth:	26.08.1982
Place of Birth:	Salzburg, Austria
Nationality:	Austria
Family:	married, one daughter
Languages:	German (mother tongue), English (fluent, written and spoken), Latin

Short Bio

Rick Rabiser is full university professor for Software Engineering in Cyber-Physical Systems at the Linz Institute of Technology (LIT) and head of the LIT Cyber-Physical Systems (CPS) Lab as well as head of the Christian Doppler Laboratory for Mastering Variability in Software-intensive Cyber-Physical Production Systems (VaSiCS) at Johannes Kepler University Linz, Austria. He holds a Master's and a Ph.D. degree in Business Informatics as well as the venia docendi (Habilitation) in Practical Computer Science from Johannes Kepler University Linz. His research interests include but are not limited to variability management, systems and software product lines, software maintenance and evolution, automated software engineering, requirements monitoring, and usability of software engineering tools. Prof. Rabiser has published over 150 (peer-reviewed) papers; served in over 100 international conference and workshop program and organization committees; and frequently reviews articles for international journals. He is a member of the steering committee of the Euromicro Software Engineering for Advanced Applications (SEAA) conference series and an elected member of the steering committee of the International Systems and Software Product Line Conference (SPLC). He currently (Oct 2021-Sept 2023) also is speaker for university professors at the Faculty of Engineering & Natural Sciences at Johannes Kepler University Linz and 1st deputy chairman of the faculty assembly.

Current Position and Affiliation

Professor for Software Engineering in Cyber-Physical Systems, Head of the Cyber-Physical Systems Lab and Head of the Christian Doppler Lab VaSiCS, Linz Institute of Technology, Johannes Kepler University Linz, Austria.

Research Interests and Expertise

I am interested in Software Engineering, esp.:
- Variability Management and Software Product Lines
- Software Architecture (Quality) and Modularization
- Software Reuse
- Software Maintenance and Software Evolution
- Real-World Case Studies
- Industry-Academia Collaboration
- Usability Studies (of (Software) Engineering Tools)
- SE in Cyber-Physical (Production) Systems
- Distributed Software Architectures/Handling of Data
- Systematic Literature Studies/Building BoKs

I am an expert in Software Engineering, esp.:
- Systems and Software Product Lines
- Variability Modeling and Management
- (User-Centered) Product Configuration/Derivation
- (Systematic) Literature Studies and Surveys
- Usability Studies/User Studies
- Industry-Academia Collaboration and Case Studies
- Monitoring of Software(-intensive) Systems
- Software Architectures/Design and Modularization
- SE in Cyber-Physical (Production) Systems
- Algorithms and Data Structures, OOP/OOD

Education

1988-1992	Primary school in Schwaighofen (Eugendorf bei Salzburg)
1992-2000	Bundesgymnasium in Salzburg (BG/BRG 2, now Christian Doppler Gymnasium)

Military service

11/00-06/01	Military Service in Salzburg („Fernmeldebataillon 2")

Academic education

10/2001-12/2005	Wirtschaftsinformatik (Business Informatics) studies, Johannes Kepler University Linz; Master thesis: "MSPII – Entwicklung eines mobilen Werkzeugs für das szenario-basierte Requirements Engineering", Inst. SEA, Johannes Kepler University Linz.
02/2006-03/2009	PhD studies in Business Informatics at the Christian Doppler Laboratory for Automated Software Engineering, Johannes Kepler University Linz; Dissertation (Doctoral thesis): "A User-Centered Approach to Product Configuration in Software Product Line Engineering".
04/2009-04/2016	Habilitation (venia docendi) in Practical Computer science at Johannes Kepler University Linz. Habilitation thesis: "Variability in Software Engineering: Definition, Utilization, and Evolution".

Professional career

07/1998-08/1998	Percon Personalconsulting und Unternehmensberatung GmbH, Salzburg: office work
07/1999-08/1999	Wuestenrot Versicherungs AG, Salzburg: assistant in the realty department
08/2001-08/2001	Palfinger AG, Salzburg: assistant in the marketing department
08/2002-09/2002	Hotel Gasthof Kendl, Salzburg: office work/international marketing
07/2003-08/2003	Garanta Versicherungs AG, Salzburg: assistant in the car claims department
08/2003-09/2003	Hotel Gasthof Kendl, Salzburg: office work/international marketing
10/2003-02/2004	Johannes Kepler University, Linz: tutor for Software Entwicklung 1 UE at WS 2003/2004.
07/2004-08/2004	Garanta Versicherungs AG, Salzburg: assistant in the car claims department
03/2005-11/2005	Garanta Versicherungs AG, Salzburg: assistant in the car claims department
02/2006-03/2009	Christian Doppler Lab for Automated Software Engineering, Johannes Kepler University, Linz: research assistant and PhD student in the product line module conducted in cooperation with Siemens VAI Metals Technologies
04/2009-01/2013	Christian Doppler Lab for Automated Software Engineering, Johannes Kepler University, Linz: Post-doctoral researcher in the product line module conducted in cooperation with Siemens VAI Metals Technologies and Siemens Corporate Technology
02/2013-10/2019	Christian Doppler Lab for Monitoring and Evolution of Very Large Scale Software Systems, Johannes Kepler University, Linz: senior researcher and head of the module "Requirements-based Monitoring and Diagnosis in VLSS Evolution" in cooperation with Primetals Technologies Austria GmbH
10/2006-...	Johannes Kepler University, Linz: lecturer
11/2019-…	Linz Institute of Technology, CPS Lab, Johannes Kepler University, Linz: Professor (Univ.-Prof.) for Software Engineering in Cyber-Physical Systems, Head of LIT Cyber-Physical Systems Lab
02/2021-01/2028	Head of (Co-Head: Alois Zoitl) Christian Doppler Laboratory for Mastering Variability in Software-intensive Cyber-Physical Production Systems (VaSiCS)

Projects

02/06-01/13	*Product Line Engineering for Automation Software Systems*, part of the Christian Doppler Laboratory for Automated Software Engineering, in cooperation with Siemens VAI Metals Technologies;

	Research Assistant from 02/06-03/09, Senior Researcher (Post-Doctoral Researcher) from 04/09-01/13.
02/10-02/15	*invar – Enabling product configuration* – (now open source) project in cooperation with University of Sevilla, Spain; Lero – the Irish Software Engineering Research Centre; Siemens AG Österreich, and INRIA, Rennes with the main aim to enable product configuration based on multiple variability models that have been created using diverse heterogeneous modeling approaches, notations, and tools.
03/10-02/13	EU project *Trustworthy Eternal Systems via Evolving Software, Data and Knowledge* – External Expert in Task Force TF 1 - Diversity awareness and management
05/10-01/11	*Refactoring of the DOPLER Product Line Engineering Tool Suite* for Siemens VAI, technical project manager.
02/13-01/20	*Requirements-based Monitoring and Diagnosis in VLSS Evolution*, part of the Christian Doppler Laboratory Monitoring and Evolution in Very-large-scale Software Systems, in cooperation with Primetals Technologies, Senior Researcher and Module Head.
02/21-01/28	*Christian Doppler Laboratory for Mastering Variability in Software-intensive Cyber-Physical Production Systems (VaSiCS)*, in cooperation with Primetals Technologies: PI/Lab Head (Co-Head: Alois Zoitl). (2.37M Euro)
02/21-12/24	*Co-Innovation Lab*, co-funded by JKU and Dynatrace Austria: PI/JKU Head (384k Euro)

Awards/Honorable Mentions

Information and Software Technology Most Cited Article from 2010 for "Rabiser, R., Grünbacher, P., Dhungana, D.: Requirements for Product Derivation Support: Results from a Systematic Literature Review and an Expert Survey. Information and Software Technology, vol. 52(3), pp. 324-346, 2010" (http://www.journals.elsevier.com/information-and-software-technology/most-cited-articles/)

Journal of Systems and Software Most Cited Article from 2010 for "Dhungana, D., Grünbacher, P., Rabiser, R., Neumayer, T.: Structuring the Modeling Space and Supporting Evolution in Software Product Line Engineering. The Journal of Systems and Software, 83(7), pp. 1108-1122, 2010" (http://www.journals.elsevier.com/journal-of-systems-and-software/most-cited-articles/)

Best Paper Award at WICSA 2014 for "Vierhauser, M., Rabiser, R., Grünbacher, P., Danner, C., Wallner, S., Zeisel, H.: A Flexible Framework for Runtime Monitoring of System-of-Systems Architectures, Proceedings of the 11th Working IEEE/IFIP Conference on Software Architecture (WICSA 2014), Sydney, Australia, April 7-11, 2014, IEEE, pp. 57-66." (http://dx.doi.org/10.1016/j.jss.2015.11.022)

One of the 15 most prolific researchers in the field of Software Product Lines.
http://dx.doi.org/10.1016/j.infsof.2015.11.004

Journal of Systems and Software Outstanding Reviewer Award (November 2016), i.e., within the top 10th percentile of reviewers for the Journal, in terms of the number of manuscript reviews completed 2014-2016.

Information and Software Technology Outstanding Reviewer Award (December 2016), i.e., within the top 10th percentile of reviewers for the Journal, in terms of the number of manuscript reviews completed 2014-2016.

Journal of Software and Systems Modeling Reviewer Recognition (March 2017) (http://www.sosym.org/people/)

IEEE Software Reviewer Recognition ("Certificate of Appreciation") (May 2018)

Journal of Systems and Software Outstanding Reviewer Award (June 2018), i.e., within the top 10th percentile of reviewers for the Journal, in terms of the number of manuscript reviews completed 2017-2018.

Distinguished Reviewer Award (September 2018) at SPLC 2018 (22nd International Systems and Software Product Line Conference, Sept 10-14, Gothenburg, Sweden).

Journal of Software Practice and Experience Distinguished Referee 2018 ("These referees gave outstanding service to the journal based on the criteria of quality, timeliness, and volume of reviews." -- see https://doi.org/10.1002/spe.2691)

Empirical Software Engineering Journal Reviewer Recognition for 2018 (Jan 2019)

JKU Work Abroad Photo Contest (First Prize) (October 2018) at Johannes Kepler University Linz, for the Photo "Tower of Knowledge" made inside Prague Municipal Library while attending the Euromicro SEAA 2018 conference

Outstanding Reviewer Award at SBES 2019 (Brazilian Symposium on Software Engineering, Sept 23-27, 2019, Salvador, Bahia, Brazil): "awarded to reviewers who submitted outstanding quality reviews to SBES".

Listed as one of the **key researchers in Austrian computer science** in the 2019 CWTS Bibliometric Report "Bibliometric analysis of the Austrian computer science research (2000-2017)" www.wissenschaftsrat.ac.at.

Journal of Software and Systems Modeling Reviewer Recognition (Jan 2019) (http://www.sosym.org/people/)

Empirical Software Engineering Journal Reviewer Recognition for 2019 (Jan 2020)

Journal of Software: Evolution and Process Reviewer Recognition for 2019 (Feb 2020)

Journal of Systems and Software Most Cited Article since 2017 (Aug 2020)
(https://www.journals.elsevier.com/journal-of-systems-and-software/most-cited-articles) for R. Rabiser, S. Guinea, M. Vierhauser, L. Baresi, and P. Grünbacher: A Comparison Framework for Runtime Monitoring Approaches. Journal of Systems and Software, vol. 125, pp. 309-321, 2017.

VaMoS Most Influential Paper Award (Feb 2022)
for K. Czarnecki, P. Grünbacher, R. Rabiser, K. Schmid, and A. Wasowski: Cool Features and Tough Decisions: A Comparison of Variability Modeling Approaches. Proc. of the 6th International Workshop on Variability Modeling of Software-Intensive Systems (VaMoS 2012), ACM, 2012, pp. 173-182.

Scientific Services

Reviewer for Research (Project) Proposals
- Advanced Learning in Evolving Critical Systems (ALECS) fellowship program coordinated by Lero, the Irish Software Research Centre, co-funded by the European Commission under the Marie Skłodowska-Curie program and by Science Foundation Ireland, through Lero. (http://alecs.lero.ie/)
- Linz Institute of Technology Expert Team (7th Call).
- Italian Ministry of Universities and Research (MUR) (via REPRISE: Register of Expert Peer Reviewers for Italian Scientific Evaluation)
- Canada Research Chair (CRC) program, (https://www.chairs-chaires.gc.ca/)

Reviewer for Books
- Agile and Lean Service-Oriented Development: Foundations, Theory and Practice, X. Wang, N. Ali, I. Ramos, R. Vidgen (eds.), IGI Global, 2012.
- Software Variability Management - Concepts, Techniques, and Tools, R. Capilla, J. Bosch, K.C. Kang (eds.), Springer, 2013.
- Managing requirements knowledge, W. Maalej and A.K. Thurimella (eds.), Springer, 2013.
- Re-engineering Software Intensive Systems into Software Product Lines, Roberto E. Lopez-Herrejon, Jabier Martinez, Tewfik Ziadi, Mathieu Acher, Wesley Klewerton Guez Assunção and Silvia Regina Vergilio (eds.), Springer, 2019.

- I have also reviewed book proposals, e.g., for Springer, which eventually were not published, so I cannot disclose them here

Reviewer for Journals
- Information and Software Technology (IST), Elsevier, 2009-...
- The Journal of Systems and Software (JSS), Elsevier, 2010-...
- Software: Practice and Experience (SPE), Wiley, 2010-...
- Empirical Software Engineering (EMSE), Springer, 2011-…
- Data and Knowledge Engineering (DKE), Elsevier, 2011-…
- Science of Computer Programming (SCP), Elsevier, 2011-…
- IEEE Transactions on Software Engineering (TSE), IEEE, 2011-…
- Computing and Informatics (CAI), Slovak Academy of Science, 2011-…
- Software Quality Journal (SQJ), Springer, 2012-…
- Journal of Software: Evolution and Process (JSME), Wiley, 2013-…
- Software and Systems Modeling (SoSyM), Springer, 2014-…
- IEEE Software, IEEE, 2014-…
- IEEE Transactions on Service Computing (TSC), IEEE, 2014-…
- ACM Computing Surveys (CSUR), ACM, 2016-…
- International Journal of Product Development, Inderscience, 2016-...
- Computer Languages, Systems and Structures, Elsevier, 2017-…
- Journal of Universal Computer Science (Special Issue on Knowledge-based Configuration), 2019.
- ACM Transactions on Software Engineering and Methodology (TOSEM), 2019-...
- Springer Computing (COMP), 2020-…

(Guest-)Editor of
- International Journal on Software Tools for Technology Transfer (STTT), Special Section on Software Diversity – Modeling, Analysis and Evolution, Editors: Ina Schaefer, Rick Rabiser, Dave Clarke, Springer, 2011/2012.
- Information and Software Technology, Special Section on Software Engineering and Advanced Applications, Editors: Rick Rabiser and Richard Torkar, Elsevier, 2014/2015.
- Journal of Systems and Software, Special Issue on Quality Engineering and Management of Software-Intensive Systems, Editors: Michael Felderer, Helena Holmström Olsson, Rick Rabiser, Elsevier, 2017/2018.

Steering committee memberships
- Euromicro SEAA Conferences (http://euromicro.org/seaa) – 2014-…
- SPLC Conferences (http://www.splc.net) – 2018-2021.

Program committee memberships
- 22nd International Conference on Software Engineering and Knowledge Engineering (SEKE 2010), Redwood City, San Francisco Bay, USA, July 1-3, 2010.
- 3rd International Workshop on Visualisation in Software Product Line Engineering (ViSPLE 2010), in collocation with the 14th International Software Product Line Conference (SPLC 2010), Jeju Island, Korea, September 13-17, 2010.
- 5th International Workshop on Variability Modelling of Software-Intensive Systems (VaMoS 2011), Namur, Belgium, January 27-29.
- 1st International Workshop on Eternal Systems (EternalS'11), affiliated with the European Future Technologies Conference and Exhibition (fet11), Budapest, Hungary, May 3, 2011.
- 6th International Conference on Evaluation of Novel Approaches to Software Engineering (ENASE 2011), Beijing, China, June 8-11, 2011.
- 23rd International Conference on Software Engineering and Knowledge Engineering (SEKE 2011), Miami Beach, USA, July 7-9, 2011.
- 15th International Software Product Line Conference (SPLC 2011), Munich, Germany, August 22-26, 2011.
- Workshop on Services, Clouds, and Alternative Design Strategies for Variant-Rich Software Systems (SCArVeS'11), in conjunction with the 15th International Software Product Line Conference (SPLC 2011), Munich, Germany, August 22, 2011.
- Feature-Oriented Software Development Workshop (FOSD 2011), in conjunction with the 15th International Software Product Line Conference (SPLC 2011), Munich, Germany, August 21-22, 2011.

- Joint workshop of the 3rd International Workshop on Model-driven Approaches in Software Product Line Engineering and 3rd Workshop on Scalable Modeling Techniques for Software Product Lines (MAPLESCALE 2011), in conjunction with the 15th International Software Product Line Conference (SPLC 2011), Munich, Germany, August 22-26, 2011.
- IDoSEAA: International Doctoral Symposium on Software Engineering and Advanced Applications), collocated with the 37th Euromicro Conference on Software Engineering and Advanced Applications (SEAA), Oulu, Finland, August 30, 2011.
- SAVA 2011: 1st International Workshop on Software Architecture Variability, collocated with the 5th European Conference on Software Architecture (ECSA 2011), Essen, Germany, September 13, 2011.
- CBSoft 2011 - 5th Brazilian Symposium on Software Components, Architectures and Reuse (SBCARS), Sao Paulo, Brazil, September 26-30, 2011.
- iATPA 2011: First Workshop on Industrial Automation Tool Integration for Engineering Project Automation, in conjunction with the 16th IEEE International Conference on Emerging Technologies and Factory Automation (ETFA'2011), Toulouse, France, September 2011.
- Software Quality Days 2012 (SWQD 2012), Vienna, Austria, January 17-19, 2012.
- 6th International Workshop on Variability Modelling of Software-Intensive Systems (VaMoS 2012), Leipzig, Germany, January 25-27, 2012.
- 7th International Conference on Evaluation of Novel Approaches to Software Engineering (ENASE 2012), Wroclaw, Poland, June 28-July 1, 2012.
- 24th International Conference on Software Engineering and Knowledge Engineering (SEKE 2012), Redwood City, CA, USA, July 1-3, 2012.
- 3rd International Workshop on Model-Driven Product Line Engineering (MDPLE 2012), in conjunction with ECMFA 2012, Lyngby, Denmark, July 2-5, 2012.
- Joint workshop on Intelligent Methods for Software System Engineering (JIMSE2012), collocated with the 20th European Conference on Artificial Intelligence (ECAI 2012), Montpellier, France, August 27-31, 2012.
- 4th International Workshop on Model-driven Approaches in Software Product Line Engineering (MAPLE 2012), in conjunction with the 16th International Software Product Line Conference (SPLC 2012), Salvador, Brazil, Sept 2-7, 2012.
- 2nd International Workshop on Services, Clouds, and Alternative Design Strategies for Variant-Rich Software Systems (SCArVeS'12), in conjunction with the 16th International Software Product Line Conference (SPLC 2012), Salvador, Brazil, Sept 2-7, 2012.
- 16th International Software Product Line Conference (SPLC 2012) – Tools and Demonstrations Track, Salvador, Brazil, September 2-7, 2012.
- 16th International Software Product Line Conference (SPLC 2012), Salvador, Brazil, September 2-7, 2012.
- Workshop on Industrial Automation Tool Integration for Engineering Project Automation (iATPA 2012, in conjunction with the 17th IEEE International Conference on Emerging Technologies and Factory Automation (ETFA'2012), Krakow, Poland, Sept 21, 2012.
- CBSoft 2012 - 6th Brazilian Symposium on Software Components, Architectures and Reuse (SBCARS), Natal, RN, Brazil, September 23-28, 2012.
- 4th International Workshop on Feature-Oriented Software Development (FOSD'12), co-located with GPCE 2012, 24-25 September, Dresden, Germany.
- Doctoral Symposium at the 5th International Conference on Software Language Engineering (SLE 2012), Dresden, Germany, Sept 25-28, 2012.
- Software Quality Days 2013 (SWQD 2012), Vienna, Austria, January 15-17, 2013.
- 7th International Workshop on Variability Modelling of Software-Intensive Systems (VaMoS 2013), Pisa, Italy, January 23-25, 2013.
- 8th International Conference on Evaluation of Novel Approaches to Software Engineering (ENASE 2013), Eseo, France, July 3-7, 2013.
- 25th International Conference on Software Engineering and Knowledge Engineering (SEKE 2013), Boston, USA, June 27-29, 2013.
- 17th International Software Product Line Conference (SPLC 2013), Tokyo, Japan, August 26-30, 2013.
- 13th International Conference on Software Reuse (ICSR 2013), Pisa, Italy, August 18-21, 2013.
- Doctoral Symposium at the 17th International Software Product Line Conference (SPLC 2013), Tokyo, Japan, August 26-30, 2013.
- Special Session on Engineering Tool Integration for Industrial Automation System Development (ETAS 2013), collocated with the 39th Annual Conference of the IEEE Industrial Electronics Society, November 10-13, 2013, Vienna, Austria.

- MAPLE/SCALE 2013 – Joint Workshop of the 5th International Workshop on Model-driven Approaches in Software Product Line Engineering and the 4th Workshop on Scalable Modeling Techniques for Software Product Lines, collocated with the 17th International Software Product Line Conference, Tokyo, Japan, August 26-30, 2013.
- CBSoft 2013 - 7th Brazilian Symposium on Software Components, Architectures and Reuse (SBCARS), Brasilia, Brazil, September 29-October 4, 2012.
- Software Quality Days 2014 (SWQD 2014), Vienna, Austria, January 14-16, 2014.
- 9th International Conference on Evaluation of Novel Software Approaches to Software Engineering (ENASE 2014), Lisbon, Portugal, April 27-29, 2014
- 8th International Workshop on Variability Modelling of Software-Intensive Systems (VaMoS 2014), Nice, France, January 22-24, 2014.
- 26th International Conference on Software Engineering and Knowledge Engineering (SEKE 2014), Vancouver, Canada, July 1-3, 2014.
- 18th International Software Product Line Conference (SPLC 2014), Florence, Italy, September 15-19, 2014.
- Doctoral Symposium at the 18th International Software Product Line Conference (SPLC 2014), Florence, Italy, September 15-19, 2014.
- International Workshop on Long-term Industrial Collaboration on Software Engineering (WISE2014), collocated with ASE 2014, Västerås, Sweden, September 15-19, 2014.
- 14th International Conference on Software Reuse (ICSR 2015), Miami, USA, January 4-6, 2015.
- Software Quality Days 2015 (SWQD 2015), Vienna, Austria, January 20-23, 2015.
- 9th International Workshop on Variability Modelling of Software-Intensive Systems (VaMoS 2015), Hildesheim, Germany, January 21-23, 2015.
- 27th International Conference on Software Engineering and Knowledge Engineering (SEKE 2015), Pittsburgh, USA, July 6-8, 2015.
- 19th International Software Product Line Conference (SPLC 2015), Nashville, TN USA, July 20-24, 2015.
- Doctoral Symposium at the 19th International Software Product Line Conference (SPLC 2015), Nashville, TN USA, July 20-24, 2015.
- Configuration Workshop 2015, Vienna, Austria, September 10-11, 2015.
- 2nd International Workshop on Long-term Industrial Collaboration on Software Engineering (WISE2015), collocated with ECSA 2015, Dubrovnik, Croatia, September 8-11, 2015.
- Software Quality Days 2016 (SWQD 2016), Vienna, Austria, January 19-22, 2016.
- 10th International Workshop on Variability Modelling of Software-Intensive Systems (VaMoS 2016), Salvador, Brazil, January 27-29, 2016.
- 15th International Conference on Software Reuse (ICSR 2016), Limassol, Cyprus, June 5-7, 2016.
- 28th International Conference on Software Engineering and Knowledge Engineering (SEKE 2016), Redwood City, San Francisco Bay, California, USA, July 1-3, 2016.
- 30th Brazilian Symposium on Software Engineering (SBES), held in conjunction with CBSoft - Brazilian Conference on Software: Theory and Practice, Maringá, PR, September 19-23, 2016.
- Software Quality Days 2017 (SWQD 2017), Vienna, Austria, January 17-20, 2017.
- 11th International Workshop on Variability Modelling of Software-Intensive Systems (VaMoS 2017), Eindhoven, The Netherlands, February 1-3, 2017.
- Third International Workshop on Requirements Engineering for Self-Adaptive and Cyber Physical Systems (RESACS), held in conjunction with REFSQ 2017, Essen, Germany, February 27-March 2, 2017.
- 16th International Conference on Software Reuse (ICSR 2017), Salvador, Brazil, May 29-31, 2017.
- Second International Workshop on Variability and Complexity in Software Design (VACE 2017), in conjunction with ICSE 2017, Buenos Aires, Argentina, May 20-28, 2017.
- 29th International Conference on Software Engineering and Knowledge Engineering (SEKE 2017), Pittsburgh, USA, July 5-7, 2017.
- 31st Brazilian Symposium on Software Engineering (SBES), held in conjunction with CBSoft - Brazilian Conference on Software: Theory and Practice, Fortaleza, CE, September 18-22, 2017.
- 21th International Systems and Software Product Line Conference (SPLC 2017), Sevilla, Spain, September 25-29, 2017. (Research Track and Future of System and Software Product Lines Track).
- Software Quality Days 2018 (SWQD 2018), Vienna, Austria, January 16-19, 2018.
- 12th International Workshop on Variability Modelling of Software-Intensive Systems (VaMoS 2018), Madrid, Spain, February 7-9, 2018.
- 33rd ACM Symposium On Applied Computing (SAC 2018), Variability and Software Product Line Engineering (VSPLE) Track, Pau, France, April 9-13, 2018.

- 17th International Conference on Software Reuse (ICSR 2018), Madrid, Spain, May 21-23rd, 2018.
- 4th International Workshop on Software Engineering for Smart Cyber-Physical Systems (SEsCPS'18), in conjunction with ICSE 2018, Gothenburg, Sweden, May 27–June 3, 2018.
- 30th International Conference on Software Engineering and Knowledge Engineering (SEKE 2018), San Francisco Bay, USA, July 1 to July 3, 2018.
- Fourth International Workshop on Requirements Engineering for Self-Adaptive, Collaborative, and Cyber Physical Systems (RESACS), in conjunction with RE 2018, Banff, Canada, August 20-24, 2018.
- 22nd International Systems and Software Product Line Conference (SPLC 2018), Gothenburg, Sweden, Sept 10-14, 2018.
- Doctoral Symposium at the 22nd International Systems and Software Product Line Conference (SPLC 2018), Gothenburg, Sweden, Sept 10-14, 2018.
- 1st Intl. Workshop on Variability and Evolution of Software-intensive Systems collocated with SPLC 2018, Gothenburg, Sweden, Sept 10-14, 2018.
- 3rd International Workshop on Software Product Line Teaching (SPLTea 2018), in conjunction with SPLC 2018, Gothenburg, Sweden, Sept 10-14, 2018.
- 32nd Brazilian Symposium on Software Engineering (SBES 2018), held in conjunction with CBSoft - Brazilian Conference on Software: Theory and Practice, Sao Carlos, SP, September 17-21, 2018.
- Workshop on Configuration 2018, Graz, Austria, Sept 27-28, 2018.
- Software Quality Days 2019 (SWQD 2019), Vienna, Austria, January 15-18, 2019.
- 13th International Workshop on Variability Modelling of Software-Intensive Systems (VaMoS 2019), Leuven, Belgium, February 6-8, 2019.
- 34th ACM Symposium On Applied Computing (SAC 2019), Variability and Software Product Line Engineering (VSPLE) Track, Limassol, Cyprus, April 8-12, 2019.
- 5th International Workshop on Software Engineering for Smart Cyber-Physical Systems (SEsCPS'19), in conjunction with ICSE 2019, Montreal, Canada, May 25-31, 2019.
- 31st International Conference on Software Engineering & Knowledge Engineering (SEKE 2019), Lisbon, Portugal, June 28-30, 2019.
- 23nd International Systems and Software Product Line Conference (SPLC 2019), Paris, France, Sept 9-13, 2019.
- 2nd International Workshop on Experiences and Empirical Studies on Software Reuse (WEESR 2019), collocated with SPLC 2019, Paris, France, Sept 9-13, 2019.
- 1st International Workshop on Languages for Modelling Variability (MODEVAR 2019), collocated with SPLC 2019, Paris, France, Sept 9-13, 2019.
- First Workshop on Systems, Architectures, and Solutions for Industry 4.0 (SASI4 2019), Co-located with the 13th European Conference on Software Architecture (ECSA 2019), Paris France, Sept 9-13, 2019.
- 21st International Workshop on Configuration, Hamburg, Germany, Sept 19-20, 2019.
- 33rd Brazilian Symposium on Software Engineering (SBES 2019), held in conjunction with CBSoft - Brazilian Conference on Software: Theory and Practice, Salvador, September 23-27, 2019.
- Software Quality Days 2020, Vienna, Austria, January 14-17, 2020.
- 14th International Working Conference on Variability Modelling of Software-Intensive Systems (VaMoS 2020), Magdeburg, Germany, Feb 5-7, 2020.
- 32nd International Conference on Software Engineering and Knowledge Engineering, Pittsburgh, USA, July 9-11, 2020.
- 22th International Workshop on Configuration, Vicenza, Italy, Sept 10-11th, 2020.
- Second Workshop on Systems, Architectures, and Solutions for Industry 4.0, Co-located with the 14th European Conference on Software Architecture (ECSA 2020), L'Aquila Italy, 14-15 Sept, 2020.
- 24th International Systems and Software Product Line Conference (SPLC 2020), Montréal, Canada, October 19-23, 2020.
- Doctoral Symposium at the 24th International Systems and Software Product Line Conference (SPLC 2020), Montreal, Canada, Oct 19-23, 2020.
- 3rd International Workshop on Variability and Evolution of Software-Intensive Systems, Co-located with SPLC 2020, Montreal, Canada, Oct 19-23, 2020.
- 3rd International Workshop on Experiences and Empirical Studies on Software Reuse (WEESR 2020), collocated with SPLC 2020, Montreal, Canada, Oct 19-23, 2020.
- Software Quality Days 2021, Vienna, Austria, January 19-21, 2021.
- 15th International Working Conference on Variability Modelling of Software-Intensive Systems (VaMoS 2021), Krems, Austria, Feb 9-11, 2021.

- Software Engineering 2021, February 22-26, 2021, Braunschweig, Germany (Virtual).
- ACM Student Research Competition at ICSE 2021 (43rd International Conference on Software Engineering), Madrid, Spain, May 23-29, 2021.
- 33rd International Conference on Software Engineering & Knowledge Engineering, Redwood City, San Francisco Bay, USA, July 1-3, 2021.
- 2021 IEEE International Conference on Industrial Informatics (INDIN 2021), Technical track "System and software engineering, runtime intelligence", Palma de Mallorca, Spain, July 21-23, 2021.
- 25th ACM International Systems and Software Product Line Conference (SPLC 2021), Leicester, UK, Sept 6-11, 2021.
- International Workshop on Variability Management for Modern Technologies (VM4ModernTech 2021), collocated with SPLC 2021, Leicester, UK, Sept 6-11, 2021.
- 4th International Workshop on Variability and Evolution of Software-Intensive Systems (VariVolution 2021), collocated with SPLC 2021, Leicester, UK, Sept 6-11, 2021.
- 4th Workshop on Experiences and Empirical Studies on Software Reuse (WEESR 2021), collocated with SPLC 2021, Leicester, UK, Sept 6-11, 2021.
- 4th International Workshop on Languages for Modelling Variability (MODEVAR 2021), collocated with SPLC 2021, Leicester, UK, Sept 6-11, 2021.
- Software Quality Days 2022, Vienna, Austria, January 18-20, 2022.
- 16th International Working Conference on Variability Modelling of Software-Intensive Systems (VaMoS 2022), Pisa, Italy, Feb 23-25, 2022.
- Software Engineering 2022, February 21-25, 2022, Berlin, Germany (Virtual).
- 34th International Conference on Software Engineering and Knowledge Engineering, Redwood City, San Francisco Bay, USA, July 1-10, 2022.
- Doctoral Symposium at the 26th International Systems and Software Product Line Conference (SPLC 2022), Graz, Austria, Sept 12-16, 2022.
- 26th ACM International Systems and Software Product Line Conference (SPLC 2022), Graz, Austria, Sept 12-16, 2021.
- MoPro'22: Workshop zur Modellierung in der und für die Produktion, collocated with Modellierung'22, Hamburg, Germany, Jun 27. 2022.
- 1st International Workshop on Technical Debt for Variability-intensive Systems, collocated with the 26th ACM International Systems and Software Product Line Conference (TD4ViS), Graz, Austria, Sept 12-16, 2022.
- 4th Intl. Workshop on Variability and Evolution of Software-Intensive Systems, collocated with the 26th ACM International Systems and Software Product Line Conference (VariVolution), Graz, Austria, Sept 12-16, 2022.
- 5th International Workshop on Languages for Modelling Variability (MODEVAR), collocated with SPLC 2022, Graz, Austria, Sept 12-16, 2022.
- 5th Workshop on Experiences and Empirical Studies on Software Reuse (WEESR 2022), collocated with SPLC 2022, Graz, Austria, Sept 12-16, 2022.
- Third Workshop on Systems, Architectures, and Solutions for Industry 4.0 (SASI4), collocated with the 16th European Conference on Software Architecture (ECSA 2022), Prague, Czech Republic, Sept 19-23, 2022.
- Software Quality Days 2023, Munich, Austria, May 23-25, 2023.
- Software Engineering im Unterricht der Hochschulen (SEUH) 2023, Paderborn, Germany, Feb 22-24, 2023.
- 17th International Working Conference on Variability Modelling of Software-Intensive Systems (VaMoS 2023), Odense, Denkmark, Jan 25-27, 2023.
- 35th International Conference on Software Engineering and Knowledge Engineering (SEKE23), San Francisco Bay, USA and KSIR Virtual Conference Center, Jul 1-10, 2023.

Organizing committee memberships
- Organizer (with Patrick Healy, Daren Nestor, David Sellier, and Mike Mannion) of the 2nd International Workshop on Visualisation in Software Product Line Engineering (ViSPLE 2008), collocated with the 12th International Software Product Line Conference (SPLC 2008), September 8 - 12, 2008, Limerick, Ireland.
- Organizer (with Paul Grünbacher and Roberto Lopez-Herrejon) of the 4th International Workshop on Variability Modelling of Software-Intensive Systems (VaMoS 2010), January 27-29, 2010, Linz, Austria.
- Organizer (with Deepak Dhungana, Iris Groher, and Steffen Thiel) of the 2nd International Workshop on Model-driven Approaches in software Product Line Engineering (MAPLE 2010), collocated with the 14th

International Software Product Line Conference (SPLC 2010), September 13-17, 2010, Jeju Island, South Korea.

- Organizer (with Steffen Thiel, Deepak Dhungana, and Ciarán Cawley) of the 3rd International Workshop on Visualisation in Software Product Line Engineering (ViSPLE 2010), collocated with the 14th International Software Product Line Conference (SPLC 2010), September 13-17, 2010, Jeju Island, South Korea.
- Organizer (with Deepak Dhungana, Norbert Seyff, and Goetz Botterweck) of the 1st International Workshop on Automated Configuration and Tailoring of Applications (ACoTA), collocated with the 25th IEEE/ACM International Conference on Automated Software Engineering, September 20 - 24, Antwerp, Belgium.
- Organizer (with Paul Grünbacher and Dietmar Pfahl) of the 37th Euromicro Conference on Software Engineering and Advanced Applications (SEAA) -- Software Process and Product Improvement (SPPI) Track, Oulu, Finland, August 30-September 2, 2011.
- Organizer (with M. Ali Babar, Goetz Botterweck, Sholom Cohen, Deepak Dhungana, Kyo C. Kang, Tomoji Kishi, and Natsuko Noda) of the Joint workshop of the 3rd International Workshop on Model-driven Approaches in Software Product Line Engineering and 3rd Workshop on Scalable Modeling Techniques for Software Product Lines (MAPLESCALE 2011), in conjunction with the 15th International Software Product Line Conference (SPLC 2011), Munich, Germany, August 22, 2011.
- Organizer (with Martin Becker, Karina Villela, and Peter Y.H. Wong) of the 2nd International Workshop on Formal Methods and Analysis in Software Product Line Engineering (FMSPLE 2011), in conjunction with the 15th International Software Product Line Conference (SPLC 2011), Munich, Germany, August 26, 2011.
- Organizer (with Stefan Biffl) of the 38th Euromicro Conference on Software Engineering and Advanced Applications (SEAA) -- Software Process and Product Improvement (SPPI) Track Chair, Cesme, Izmir, Turkey, September 5-8, 2012.
- ***Doctoral Symposium Chair** of the 16th International Software Product Line Conference, Salvador de Bahia, Brazil, September 2-7, 2012.*
- Organizer (with Goetz Botterweck and Deepak Dhungana) of the 4th International Workshop on Model-driven Approaches in Software Product Line Engineering (MAPLE 2012), in conjunction with the 16th International Software Product Line Conference (SPLC 2012), Salvador, Brazil, Sept 2-7, 2012.
- Organizer (with Stefan Biffl) of the 39th Euromicro Conference on Software Engineering and Advanced Applications (SEAA) -- Software Process and Product Improvement (SPPI) Track Chair, Santander, Spain, September 4-6, 2013.
- Organizer (with Goetz Botterweck, Deepak Dhungana, Natsuko Noda, and Hironori Washizaki) of the MAPLE/SCALE 2013 – Joint Workshop of the 5th International Workshop on Model-driven Approaches in Software Product Line Engineering and the 4th Workshop on Scalable Modeling Techniques for Software Product Lines, collocated with the 17th International Software Product Line Conference, Tokyo, Japan, August 26-30, 2013.
- Organizer (with Leon Moonen, Razieh Behjati, Mithun P. Acharya, Bedir Tekinerdogan, and Kyo-Chul Kang) of the 1st International Workshop on Multi Product Line Engineering (MultiPLE 2013), in conjunction with the 17th International Software Product Line Conference (SPLC 2013), Tokyo, Japan, Aug 26-30, 2013.
- ***Program Committee Chair** (with Richard Torkar) of the 40th Euromicro Conference on Software Engineering and Advanced Applications (SEAA 2014), Verona, Italy, August 27-29, 2014.*
- Organizer (with Mathieu Acher and Roberto Lopez-Herrejon) of the 1st International Workshop on Software Product Line Teaching (SPLTea 2014), in conjunction with the 18th International Software Product Line Conference (SPLC 2014), Florence, Italy, Sept 15-19, 2014.
- Organizer (with Stefan Biffl and Dietmar Winkler) of the 41st Euromicro Conference on Software Engineering and Advanced Applications (SEAA) -- Software Process and Product Improvement (SPPI) Track Chair, Madeira, Portugal, August 26-28, 2015.
- Organizer (with Mathieu Acher and Roberto Lopez-Herrejon) of the 2nd International Workshop on Software Product Line Teaching (SPLTea 2015), in conjunction with the 19th International Software Product Line Conference (SPLC 2015), Nashville, USA, Jul 20-24, 2015.
- ***Program Committee Chair** (with Bing Xie) of the 20th International Systems and Software Product Line Conference (SPLC 2016), Beijing, China, September 19-23, 2016.*
- Organizer (with Willi Hasselbring, Sam Guinea, and Michael Vierhauser) of the First International Workshop on Monitoring in Large-Scale Software Systems (MoLS 2017), in conjunction with ICPE 2017, the 8th ACM/SPEC International Conference on Performance Engineering, April 22-26, 2017, L'Aquila, Italy.
- Organizer of the 43rd Euromicro Conference on Software Engineering and Advanced Applications (SEAA) -- Software Process and Product Improvement (SPPI) Track Chair, Vienna, Austria, August 30-Sept 1, 2017.

- Organizer (with Stefan Biffl and Dietmar Winkler) of the 44th Euromicro Conference on Software Engineering and Advanced Applications (SEAA) -- Software Process and Product Improvement (SPPI) Track Chair, Prague, Czech Republic, August 29-31, 2018.
- Organizer (with Willi Hasselbring, Sam Guinea, and Michael Vierhauser) of the 44th Euromicro Conference on Software Engineering and Advanced Applications (SEAA) – Monitoring in Large-scale Software Systems (MoLS) Special Session Chair, Prague, Czech Republic, August 29-31, 2018.
- *Publicity Chair* (with Manuel Rigger) of ManLang 2018: 15th International Conference on Managed Languages & Runtimes, Linz, Austria, Sept 10-14, 2018.
- *Tutorial Chair* (with Christoph Elsner) of SPLC 2018: 22nd International Systems and Software Product Line Conference (SPLC 2018), Gothenburg, Sweden, Sept 10-14, 2018.
- Organizer (with Mathieu Acher and Roberto Lopez-Herrejon) of the 3rd International Workshop on Software Product Line Teaching (SPLTea 2018), in conjunction with the 22nd International Software Product Line Conference (SPLC 2018), Gothenburg, Sweden, Sept 10-14, 2018.
- Organizer (with Stefan Biffl and Dietmar Winkler) of the 45th Euromicro Conference on Software Engineering and Advanced Applications (SEAA) -- Software Process and Product Improvement (SPPI) Track Chair, Thessaloniki / Chalkidiki, Greece, August 28-30, 2019.
- Organizer (with Mathieu Acher and Roberto Lopez-Herrejon) of the 4th International Workshop on Software Product Line Teaching (SPLTea 2019), in conjunction with the 23rd International Systems and Software Product Line Conference (SPLC 2019), Paris, France, Sept 9-13, 2019.
- Organizer (with David Benavides, Don Batory, and Mathieu Acher) of the First International Workshop on Languages for Modelling Variability (MODEVAR 2019), in conjunction with the 23rd International Systems and Software Product Line Conference (SPLC 2019), Paris, France, Sept 9-13, 2019.
- *Demonstrations and Tools Chair* (with Leopoldo Teixeira) of SPLC 2019: 23rd International Systems and Software Product Line Conference (SPLC 2019), Paris, France, Sept 9-13, 2019.
- Organizer (with David Benavides, Don Batory, and Mathieu Acher) of the Second International Workshop on Languages for Modelling Variability (MODEVAR 2020), in conjunction with the 14th International Working Conference on Variability Modelling of Software-Intensive Systems (VaMoS 2020), Magdeburg, Germany, Feb 4, 2020.
- **Program Committee Chair** (with Willi Hasselbring) of Software Engineering 2020, February 25-28, 2020, Innsbruck, Austria.
- Organizer (with Stefan Biffl and Dietmar Winkler) of the 46th Euromicro Conference on Software Engineering and Advanced Applications (SEAA) -- Software Process and Product Improvement (SPPI) Track Chair, Portoroz, Slovenia (Virtual), August 26-28, 2020.
- Organizer (with Mathieu Acher, Philippe Collet, David Benavides) of the Third International Workshop on Languages for Modelling Variability (MODEVAR 2020), in conjunction with the 24th International Systems and Software Product Line Conference (SPLC 2020), Montreal, Canada (Virtual), Oct 19-23, 2020.
- Organizer (with Birgit Vogel-Heuser, Manuel Wimmer, Alois Zoitl) of the SECPPS (Software Engineering in Cyber-Physical Production Systems) Workshop at SE 2021, Braunschweig, Germany (Virtual), Feb 22-26, 2021.
- Organizer (with Stefan Biffl and Dietmar Winkler) of the 47th Euromicro Conference on Software Engineering and Advanced Applications (SEAA) -- Software Process and Product Improvement (SPPI) Track Chair, Palermo, Italy, September 6-8, 2021.
- **Doctoral Symposium Co-Chair (with Mahsa Varshosaz)** *of the 25th ACM International Systems and Software Product Line Conference, Leicester, United Kingdom, September 6-11, 2021.*

Additional Reviewer for
- 29th International Conference on Software Engineering (ICSE 2007), Minneapolis, MN, USA, 20-26 May, 2007.
- Second International Workshop on Variability Modelling of Software-Intensive Systems (VaMoS 2008), Essen, Germany, January 16-18, 2008.
- 20th International Conference on Software Engineering and Knowledge Engineering (SEKE'2008), Redwood City, San Francisco Bay, CA, USA, July 1-3, 2008.
- ACM/IEEE 11th International Conference on Model Driven Engineering Languages and Systems (MODELS'08), Toulouse, France, September 28-October 3, 2008.
- HICSS-42: Hawaii International Conference on System Sciences (HICSS), Waikoloa, Big Island, Hawaii, January 5-8, 2009.

- Third International Workshop on Variability Modelling of Software-Intensive Systems (VaMoS 2009), Sevilla, Spain, January 28-30, 2009.
- 28th IEEE/ACM International Conference on Automated Software Engineering (ASE 2013), Palo Alto, California, USA, November 11-15, 2013.
- ACM / IEEE 23rd International Conference on Model Driven Engineering Languages and Systems (MODELS), Montreal, Canada, Oct 18-23, 2020.

Session Chair/Panelist at Workshops/Conferences
- Session Chair at VaMoS 2010, Short Paper Session: Design Metrics, January 28, 2010.
- Session Chair at Dagstuhl FOSD 2011 (Co-Chair), Discussion Session: FOSD Adoption in Industry, January 13, 2011.
- Session Chair at VaMoS 2011, Paper Session: Application Domains II, January 29, 2011.
- Session Chair at SPLC'11 Full-Paper Session Research I: Product Lines Automation, August 23, 2011.
- Session Chair of Keynote Session at the 2nd International Workshop on Formal Modeling and Analysis in Software Product Line Engineering (FMSPLE 2011), collocated with SPLC 2011, Munich, Germany, August 26, 2011.
- Session Chair of Paper Session at the 2nd International Workshop on Formal Modeling and Analysis in Software Product Line Engineering (FMSPLE 2011), collocated with SPLC 2011, Munich, Germany, August 26, 2011.
- Panelist/Advisor at Euromicro SEAA 2011 Doctoral Symposium (IDoSEAA), Oulu, Finland, August 30, 2011.
- Session Chair at Euromicro SEAA 2011, Paper Session: Process Improvement and Tailoring, August 31, 2011.
- Session Chair at VaMoS 2012, Paper Session, Friday, Jan 27, 2012.
- Doctoral Symposium Chair at SPLC 2012, Salvador, Brazil, September 7, 2012.
- Session Chair of Tool Demo Session 2 at SPLC 2012, Wednesday, September 5, 2012.
- Session Chair of SPPI Session 1 and SPPI Session 5 at SEAA 2013, September 4 and September 6, 2013
- Advisor Panel at the Doctoral Symposium at SPLC 2013, Tokyo, Japan, Tuesday, August 27, 2013.
- Session Chair of Session 7 "Variability and Architecture" at VaMoS 2014, Nice, France, January 22-24, 2014.
- Session Chair of Keynote Session by Marco Dorigo: "Swarmbots and Swarmanoid" at SEAA 2014, Verona, Italy, August 27-29, 2014.
- Advisor Panel at the Doctoral Symposium at SPLC 2014, Florence, Italy, September 15-19, 2014.
- Session Chair of Session "Research Track Session 4: Variability in Artifacts" at SPLC 2014, Florence, Italy, September 14-18, 2014.
- Panelist of Panel: Sustainability in Software Product Lines at the 18th International Software Product Line Conference Florence, Italy, September 15-19, 2014 (Chairs: Ruzanna Chitchyan, Joost Noppen, Iris Groher; Panelists: Linda Northrop, Paul Clements, Danilo Beuche, Mark Harman, Rick Rabiser).
- Session Chair of Session "Documentation" at VaMoS 2015, Hildesheim, Germany, January 21-23, 2015.
- Session Chair of Session "SPPI-1: Case Studies" at Euromicro SEAA 2015, Funchal, Portugal, August 26, 2015.
- Session Chair of Session "SPPI-3: Process Improvement" at Euromicro SEAA 2015, Funchal, Portugal, August 26, 2015.
- Session Chair of Session "Keynote by Hans van Vliet: Decision making in software architecture" at SPLC 2016, Beijing, China, September 21, 2016.
- Session Chair of Session "Industrial Applications" at SPLC 2016, Beijing, China, September 21, 2016.
- Session Chair of Session "Use Case Models" at REFSQ 2017, Essen, Germany, Feb 28, 2017.
- Session Chair of Session "SPPI-2: Empirical Studies and Industry Experiences" at Euromicro SEAA 2017, Vienna, Austria, Aug 30, 2017.
- Session Chair of Session "SPPI-4: DevOps" at Euromicro SEAA 2017, Vienna, Austria, Aug 30, 2017.
- Session Chair of Session "SPPI-3: Case Studies and Experimentation" and Session "MoLS: Monitoring in Large-scale Software Systems" at Euromicro SEAA 2018, Prague, Aug 29 & 30, 2018.
- Session Chair of Session "Session 2: Case Studies 1" at SPLC 2018, Gothenburg, Sweden, Sept 12, 2018.
- Advisor Panel at the Doctoral Symposium at SPLC 2018, Gothenburg, Sweden, Sept 13, 2018.
- Session Chair of Session "Microservices und Produktlinien" at SE 2019, Stuttgart, Germany, Feb 21, 2019.
- Session Chair of Session "Technological proposal for a feature modeling language" at MODEVAR Workshop at SPLC 2019, Paris, France, Sept. 10, 2019.
- Session Chair (together with Danny Weyns) of Session "ECSA/SPLC Teaser for Tool Demos and Posters" at SPLC 2019, Paris, France, Sept. 12, 2019.
- Session Chair of Session "Most-Influential Paper Award" at SPLC 2019, Paris, France, Sept. 12, 2019.

- Session Chair of Session "S7: Requirements Engineering" at SPLC 2019, Paris, France, Sept. 12, 2019.
- Advisor Panel at the Doctoral Symposium at SPLC 2020, Montreal, Canada, Oct 19-23, 2020.
- Session Chair of Session 4: Project Dissemination and Session 5: Student Talks at VaMoS 2020, Magdeburg, Germany, Feb 6.
- Session Chair of Session Keynote: Elmar Jürgens, "Vom Wiegen allein wird die Sau nicht fett - Erfahrungen aus einem Jahrzehnt Qualitätsanalyse in Forschung und Praxis", Innsbruck, Austria, Feb 27.
- Session Chair of Session "Software Intelligence und Enterprise Cloud" at SE20, Innsbruck, Austria, Feb 27, 2020.
- Session Chair of Session "S7: Services and applications" at SPLC 2020, Montreal, Canada (Virtual), Oct 22, 2021.
- Session Chair of Session "Session 5: Construction and Extraction" at VaMoS 2021, Krems, Austria (Virtual), Feb 11, 2021.
- Session Chair of Session "Reuse and Variability" at SE 2021, Braunschweig, Germany (Virtual), Feb 24, 2021.
- Session Chair of Sessions "SPPI-1" and "SPPI-2" at SEAA 2021, Palermo, Italy (Virtual), Sept 2, 2021.
- Session Chair of Session "Variability Modeling and Analysis" at SPLC 2021, Leicester, UK (Virtual), Sept 8, 2021.
- Session Chair of Session "Variability and Features" at SE 2022, Berlin, Germany (Virtual), Feb 25, 2022.
- Session Chair of Session "Agile and Embedded (SPPI)" at Euromicro SEAA 2022, Gran Canaria, Spain, Sept 2, 2022.
- Session Chair of Session "Session 8: Customization of SPLs" at SPLC 2022, Graz, Austria, Sept 16, 2022.

University administration, other positions/memberships

Committees
- *Member of the Habilitation Commission* of Dr. Iris Groher: Contributions to Decision Management in Solution-Driven Software Product Line Businesses, Habilitation in Applied Computer Science, Johannes Kepler University Linz, 2017.
- *Substitute Member of the Appointments Commission (Berufungskommission)* for the Full Professorship Secure Systems, Johannes Kepler University Linz, 2018/2019.
- *Substitute Member of the Appointments Commission (Auswahlkommission)* for the Tenure Track Position "Artificial Intelligence", Johannes Kepler University Linz, 2019.
- *Substitute Member of the Appointments Commission (Auswahlkommission)* for the Tenure Track Position "Human-AI Interactions and Natural Language Processing", Johannes Kepler University Linz, 2019.
- *Substitute Member of the Appointments Commission (Auswahlkommission)* for the Tenure Track Position "Quantum Informatics", Johannes Kepler University Linz, 2019.
- *Substitute Member of the Habilitation Commission* of Dr. Alexander Norta: Secured Inter-Organizational Process-Aware Business Collaboration, Habilitation in Business Informatics, Johannes Kepler University Linz, 2022.
- *Substitute Member of the Habilitation Commission* of Dr. Alexandra Mazak-Huemer: Temporal Model-Driven Systems Engineering, Habilitation in Business Informatics, Johannes Kepler University Linz, 2022.
- *Member of the Calling and Appointments Commissions* for the Full Professorship Cyber-Physical Systems for Engineering and Production, Johannes Kepler University Linz, 2022.
- *Member of the Habilitation Commission* of Dr. Atif Mashkoor: Rigorous Model-Driven Engineering of Software-Intensive Safety-Critical Systems, Habilitation in Software Engineering, Johannes Kepler University Linz, 2022.

Current positions/memberships
- (from Oct 1, 2021) Speaker for University Professors at the Faculty of Engineering & Natural Sciences at Johannes Kepler University Linz (Sprecher der Personengruppe der Universitätsprofessor*innen an der TNF) and 1st Deputy Chairman of the Faculty Assembly.
- Program Lead JKU Young Computer Scientists (https://www.jku.at/schule/jku-young-scientists/informatik/)
- Professional Member of ACM (incl. ACM Council on Women in Computing)
- Member of Euromicro
- Member of the Euromicro Board of Directors (Director for Austria)
- Member of the Euromicro Executive Office (Publicity Secretary)
- Member of the Euromicro SEAA Conference Steering Committee
- Member of the SPLC Conference Steering Committee

Past positions/memberships
- Elected substitute member of the faculty congregation of the technical and natural sciences faculty at JKU Linz; 2009-2010
- External Expert at EternalS: Task Force 1 - Diversity awareness and management, part of the initiative to coordinate 4 European Union ICT-Forever Yours - FET projects (FP7-ICT-Call 3): LivingKnowledge, HATS, Connect and SecureChange; 2010-2013.
- Elected substitute member of the faculty congregation of the technical and natural sciences faculty at JKU Linz; 2013-2016
- Sprecher des Mittelbaus des Fachbereichs Informatik an der Johannes Kepler Universität Linz (speaker of computer scientists at Johannes Kepler University, who are not full professors), Oct 1, 2018-Oct 31, 2019.
- Elected member of the faculty congregation of the technical and natural sciences faculty at Johannes Kepler University Linz; Oct 2016- Sept 2019
- Zweiter Stellvertreter des Sprechers der Mittelbaukurie TNF (second substitute for the speaker of scientists who are not full professors at the faculty of technical and natural sciences faculty at JKU Linz; Oct 2016- Sept 2019)
- Member of the Most-Influential Software Product Line Paper Selection Committee, 2016-2020. Chair from April 2019-September 2019.

Teaching

at Johannes Kepler University Linz (Institute for Systems Engineering and Automation, Institute for Software Systems Engineering, and Linz Institute of Technology CPS Lab):

10/2006-03/2007	Präsentations- und Arbeitstechnik (presentation & work techniques) KV
10/2007-03/2008	Präsentations- und Arbeitstechnik KV
03/2008-09/2008	Product Line Engineering KV
10/2008-03/2009	Software Engineering UE, Präsentations- und Arbeitstechnik KV
03/2009-09/2009	Product Line Engineering KV
10/2009-03/2010	Software Engineering UE, Präsentations- und Arbeitstechnik KV
03/2010-09/2010	Product Line Engineering KV
10/2010-03/2011	Software Engineering UE
03/2011-09/2011	Product Line Engineering KV
10/2011-03/2012	Software Engineering UE
10/2012-03/2013	Software Engineering UE
03/2013-09/2013	Product Line Engineering KV
10/2013-03/2014	Software Engineering UE
03/2014-09/2014	Product Line Engineering KV
03/2015-09/2015	Product Line Engineering KV
03/2016-09/2016	Product Line Engineering KV
10/2016-03/2017	Master's Thesis Seminar WS SE
10/2016-03/2017	Projektpraktikum PR
03/2017-09/2017	Product Line Engineering KV
03/2017-09/2017	Präsentations- und Arbeitstechnik KV
03/2017-09/2017	Master's Thesis Seminar SS SE
03/2017-09/2017	Projektpraktikum PR/Project in Software Engineering PR
10/2017-03/2018	Master's Thesis Seminar WS SE
10/2017-03/2018	Projektpraktikum PR/Project in Software Engineering PR
03/2018-09/2018	Product Line Engineering KV
03/2018-09/2018	Master's Thesis Seminar SS SE
03/2018-09/2018	Projektpraktikum PR/Project in Software Engineering PR
10/2018-03/2019	Master's Thesis Seminar WS SE
10/2018-03/2019	Projektpraktikum PR/Project in Software Engineering PR
03/2019-09/2019	Präsentations- und Arbeitstechnik KV
03/2019-09/2019	Master's Thesis Seminar SS SE
03/2019-09/2019	Projektpraktikum PR/Project in Software Engineering PR
10/2019-03/2020	Projektpraktikum PR
03/2020-09/2020	Projektpraktikum PR

03/2020-09/2020	Project in Software Engineering PR
03/2020-09/2020	Master's Thesis Seminar SE
03/2020-09/2020	Dissertantenseminar SE
03/2020-09/2020	Praktische Informatik 1 VO
03/2020-09/2020	Präsentations- und Arbeitstechnik KV
05/2020	Invited Talk and Exercise "Product Line Engineering" in Model-Driven Engineering KV (Lecturer: Prof. Alexander Egyed)
10/2020-03/2021	Dissertantenseminar SE
10/2020-03/2021	Master's Thesis Seminar SE
10/2020-03/2021	Projektpraktikum PR/Project in Software Engineering PR/Project in Computational Engineering PR
10/2020-03/2021	Special Topics: Cloud Computing from an Engineering Perspective KV (with Dr. Andreas Grimmer and Dr. Johannes Bräuer)
03/2021-09/2021	Projektpraktikum PR/Project in Software Engineering PR/Project in Computational Engineering PR
03/2021-09/2021	Master's Thesis Seminar SE
03/2021-09/2021	Dissertantenseminar SE
03/2021-09/2021	Präsentations- und Arbeitstechnik KV
03/2021-09/2021	Algorithmen und Datenstrukturen VO
03/2021-09/2021	Programmieren II: Grundlagen der Programmierung für Juristen 2 KV
06/2021	Invited Talk and Exercise "Product Line Engineering" in Model-Driven Engineering KV (Lecturer: Prof. Alexander Egyed)
10/2021-03/2022	Dissertantenseminar SE
10/2021-03/2022	Master's Thesis Seminar SE
10/2021-03/2022	Projektpraktikum PR/Project in Software Engineering PR/Project in Computational Engineering PR
10/2021-03/2022	Special Topics: Cloud Computing Architectures, Processes and Operations (with Dr. Andreas Grimmer and Dr. Johannes Bräuer)
03/2022-09/2022	Projektpraktikum PR/Project in Software Engineering PR/Project in Computational Engineering PR
03/2022-09/2022	Master's Thesis Seminar SE
03/2022-09/2022	Dissertantenseminar SE
03/2022-09/2022	Präsentations- und Arbeitstechnik KV
03/2022-09/2022	Algorithmen und Datenstrukturen VO
03/2022-09/2022	Software Engineering für Jurist*innen 2 KV
03/2022-09/2022	Product Line Engineering KV
10/2022-03/2023	Dissertantenseminar SE
10/2022-03/2023	Master's Thesis Seminar SE
10/2022-03/2023	Projektpraktikum PR/Project in Software Engineering PR/Project in Computational Engineering PR
10/2022-03/2023	Special Topics: Cloud Computing from a Software Engineering Perspective (with Dr. Andreas Grimmer and Dr. Johannes Bräuer)
at other places:	
04/2012	Course TJTSS53 Software product line engineering and management at University of Jyväskylä: "DOPLER: An Integrated Tool Suite for Software Product Line Engineering" (Apr 17, 2012, Remote via Skype).
02/2018	Smart Production 2.0 – "Qualifizierungsnetzwerk für Cyber-Physische Produktionssysteme" – Kurs B.4: Produktarchitektur und Variabilität (Feb 9, 2018, Gunskirchen).

Student supervision

Reviewed PhD Theses
- Fabricia Roos-Frantz, Quality-aware analysis in product line engineering with the orthogonal variability model (first supervisor: David Benavides), University of Seville, Spain, December 2011.
- Vojtěch Horký, Performance Awareness in Agile Software Development (first supervisor: Petr Tůma), Charles University, Prague, April 2018.
- Reimar Schröter: Multi-Level Interfaces Between Software Product Lines (first supervisor: Gunter Saake), Otto-von-Guericke-Universität Magdeburg, Germany, July 2018.
- Yang Li: Automated Extraction of Feature and Variability Information from Natural Language Requirement Specifications (first supervisor: Gunter Saake), Otto-von-Guericke-Universität Magdeburg, Germany, July 2020.
- Safdar Aqeel Safdar: Improving Post-Deployment Configuration of Cyber-Physical Systems Using Machine Learning and Multi-Objective Search (first supervisor: Shaukat Ali), PhD Thesis Defense, Simula, University of Oslo, Norway, April 2021.
- Jacob Krüger: Understanding the Re-Engineering of Variant-Rich Systems: An Empirical Corpus on Economics, Knowledge, Traceability, and Practices (first supervisor: Gunter Saake), Otto-von-Guericke-Universität Magdeburg, Germany, September 2021.
- Sebastian Krieter: Enabling Efficient Automated Configuration Generation and Management (first supervisor: Gunter Saake), Otto-von-Guericke-Universität Magdeburg, Germany, 2022.
- Sandra Greiner: Reuse of Model Transformations for Propagating Variability Annotations in Annotative Software Product Lines (first supervisor: Bernhard Westfechtel), Universität Bayreuth, Germany, 2022.

(Co-)Supervised Doctoral/PhD Theses
- Wolfgang Heider: Co-Evolution of Product Lines and Derived Products (first supervisor: Paul Grünbacher), Johannes Kepler Universität Linz, January 2013.
- Gerald Holl: Distributed Product Configuration in Multi Product Lines (first supervisor: Paul Grünbacher), Johannes Kepler Universität Linz, June 2013.
- Michael Vierhauser: Requirements Monitoring for Systems of Systems (first supervisor: Paul Grünbacher), Johannes Kepler Universität Linz, September 2016.
- Thomas Krismayer: Mining Constraints for Event-based Monitoring in Systems of Systems, Johannes Kepler Universität Linz, February 2020.
- Kevin Feichtinger: Transforming Variability Models (Working Title), Johannes Kepler University Linz, 2020-…
- Lisa Sonnleithner: Analyzing and Improving Cyber-Physical Production System Software Architectures (Working Title), 2019-… (first supervisor: Alois Zoitl)
- Hafiyyan Sayyid Fadhlillah: Multi-Disciplinary, Delta-oriented Variability Modeling in Cyber-Physical Production Systems (Working Title), 2021-…
- Shubham Sharma: Modularization of Control Software Systems in Cyber-Physical Production Systems (Working Title), 2022-.. (first supervisor: Alois Zoitl)

(Co-)Supervised Master-Theses/Diploma-Theses:
- Reinhard Stoiber: Modellierung von Architekturvariabilität in Softwaresystemen, Johannes Kepler Universität Linz, November 2006.
- Wolfgang Heider: Tracking Evolution in Model-based Product Lines, Johannes Kepler Universität Linz, February 2010.
- Michael Vierhauser: Inkrementelle Konsistenzprüfung für Variabilitätsmodelle, Johannes Kepler Universität Linz, April 2010.
- Thomas Neumayer: Multi-Team Support for Product Line Variability Modeling, Johannes Kepler Universität Linz, January 2011.
- Stefan Pallek, Planung und Realisierung eines Sicherheitskonzepts für die DOPLER Tool Suite, Johannes Kepler Universität Linz, November 2011.
- Daniela Lettner: Supporting Business Calculations in a Product Line Engineering Tool Suite, Johannes Kepler Universität Linz, July 2012.
- Tarja Pajunen: A Meta-Model for Product Line Variability Management that Supports Traceability, Testing, Product Configuration and Documentation Generation; University of Jyväskylä, Finland, June 2013.

- Georg Brandstätter: Migration einer Desktop- in eine Rich Internet Applikation, Johannes Kepler Universität Linz, July 2013.
- Peter Frech: Persisting Runtime Event Models of Very Large-scale Software Systems, Johannes Kepler Universität Linz, July 2014.
- Benedikt Aumayr: A Constraint Language for Requirement-based Monitoring of Systems of Systems. Johannes Kepler Universität Linz, May 2015.
- Jürgen Thanhofer-Pilisch: The Evolution of a DSL-Based Approach for Runtime Monitoring of Systems of Systems, Johannes Kepler Universität Linz, July 2017.
- Peter Kronberger: A Tool to Support Mining Constraints for Monitoring Systems of Systems, Johannes Kepler Universität Linz, July 2018.
- Lisa Maria Kritzinger: Visualization Support for Requirements Monitoring in Systems of Systems, Johannes Kepler Universität Linz, September 2018.
- Martin Eisenberg: Model Transformations using Reinforcement learning, Johannes Kepler Universität Linz, Month 2022.
- Dario Romano: Transforming Commercial and Academic Variability Languages with TRAVART: pure::variants and UVL, in progress.

(Co-)Supervised Bachelor-Theses

- Sebastian Rosensteiner: Cost Estimation in Software Product Line Engineering, Institute for Systems Engineering and Automation, Johannes Kepler Universität Linz, Juli 2008.
- Wolfgang Heider: Formal Concept Analysis für Variabilitätsmodellierung, Institute for Systems Engineering and Automation, Johannes Kepler Universität Linz, September 2008.
- Jakob Springer: Ein grafischer Editor für die entscheidungsorientierte Variabilitätsmodellierung, Johannes Kepler Universität Linz, September 2009.
- Georg Brandstätter: Evaluierung von Frameworks zur Erstellung von Rich Internet Applications, Johannes Kepler Universität Linz, November 2009.
- Josef Trauner: Eine domänenspezifische Sprache zum Generieren von Produktgeneratoren, Johannes Kepler Universität Linz, September 2010.
- Gregor Dorfbauer: Okapi: Ein Framework zum Lizenzmanagement, Johannes Kepler Universität Linz, September 2010.
- Robert Aistleitner: Yorus Search: Autonomer Suchservice für heterogene Systeme, Johannes Kepler Universität Linz, November 2010.
- Elisabeth Engel: Interactive Visualizations for Feature Model Configuration, Ludwig-Maximilians-Universität München und Lero/University of Limerick, February 2012.
- Jürgen Thanhofer-Pilisch: .NET-based Client for a Java-based Runtime Monitoring Infrastructure, Johannes Kepler Universität Linz, April 2014.
- Christian Istvan Banfi: Möbelkonfiguration mit der DOPLER Tool Suite, Johannes Kepler Universität Linz, December 2015.
- Lisa Marie Kritzinger: Ein Demonstrator für das REMINDS Framework: Requirements Monitoring in verteilten Systemen, Johannes Kepler Universität Linz, June 2016.
- Sanel Badic, An Event Data Manager for the REMINDS Monitoring Framework, Johannes Kepler Universität Linz, July 2016.
- Thomas Christof: A Minimal .NET-based Client for the REMINDS Monitoring Framework, Johannes Kepler Universität Linz, August 2017.
- Dario Romano: A Messaging Solution for the REMINDS Monitoring Framework, Johannes Kepler Universität Linz, July 2020.
- Philipp Bauer: Analyzing and Refactoring the Modularization of IEC 61499 Systems. Bachelor's Thesis, Johannes Kepler University Linz, Austria, 06.07.2022.
- Niklas Hauber: A heuristical approach to solve the continuous casting - hot strip mill assignment problem, Johannes Kepler Universität Linz, in progress.
- Elene Kutsia: Clone Detection for IEC 61499-based Control Software, Johannes Kepler Universität Linz, in progress.

Member of Examination Commissions/Committees (Defenses of Master's or PhD theses)

- (Chair) Patrick Themessl-Huber: A Peer-to-Peer Based Cloud Storage File Synchronization System, Master Thesis Defense, Johannes Kepler University Linz, August 2016.

- (Chair) Thomas Krismayer: Prediction of User Traits from Music Listening Habits, Master Thesis Defense, Johannes Kepler University Linz, November 2016.
- (Member of the Committee) Jürgen Etzlstorfer: Co-Evolution in Model-Driven Engineering - Contributions to Variability and Consistency, PhD Thesis Defense, Johannes Kepler University Linz, July 2017.
- (Member of the Committee) Jürgen Thanhofer-Pilisch: Evolving a DSL-Based Approach for Event-Based Runtime Monitoring of Systems of Systems, Master Thesis Defense, JKU Linz, August 2017.
- (Member of the Committee) Vojtěch Horký: Performance Awareness in Agile Software Development, PhD Thesis Defense, Charles University, Prague, June 2018.
- (Member of the Committee) Reimar Schröter: Multi-Level Interfaces Between Software Product Lines, PhD Thesis Defense, Otto-von-Guericke-Universität Magdeburg, Germany, July 2018.
- (Chair) Christian Schumayer: A Dynamic Software Product Line Approach for OPC UA Devices, Master Thesis Defense, Johannes Kepler University Linz, September 2018.
- (Chair) Onur Kirkizoglu: Linking Of Artifacts In a cloud-based Environment, Master Thesis Defense, Johannes Kepler University Linz, February 2019.
- (Member of the Committee) Anna Maria Al Zubaidi-Polli: In-situ and Ex-situ Technology Appropriation in Semi-Public Spaces, PhD Thesis Defense, Johannes Kepler University, March 2019.
- (Member of the Committee) Thomas Krismayer: Mining Constraints for Event-based Monitoring in Systems of Systems, Johannes Kepler University Linz, April 2020.
- (Opponent) Mukelabai Mukelabai: "Understanding Variability-Aware Analysis in Low-Maturity Variant-Rich Systems", Licentiate Thesis Defense, Chalmers and Gothenburg University, May 2020.
- (Chair) Philipp Wintersberger: Calibrating Trust in Automated Vehicles, PhD Thesis Defense, Johannes Kepler University Linz, May 2020.
- (Chair) Alexander Freistetter: Human-Drone Teaming, Master Thesis Defense, Johannes Kepler University Linz, May 2020.
- (Member of the Committee) Yang Li: Feature and Variability Extraction from Natural Language Requirement Specifications, PhD Thesis Defense, Otto-von-Guericke-Universität Magdeburg, Germany, October 2020.
- (Opponent) Safdar Aqeel Safdar: Improving Post-Deployment Configuration of Cyber-Physical Systems Using Machine Learning and Multi-Objective Search, PhD Thesis Defense, Simula, University of Oslo, Norway, April, 2021.
- (Member of the Committee) Daniel Hinterreiter: Supporting Feature-Oriented Evolution in Industrial Software Ecosystems, PhD Thesis Defense, Johannes Kepler University, Linz, April 2021.
- (Member of the Committee) Markus Weninger: Detection and Analysis of Memory Anomalies in Managed Languages using Trace-Based Memory Monitoring. PhD Thesis Defense, Johannes Kepler University, Linz, July 2021.
- (Member of the Committee) Andreas Schörgenhumer: Data Analysis and Error Analytics in Large-Scale Heterogeneous Software Systems, PhD Thesis Defense, Johannes Kepler University, Linz, Aug 2021.
- (Member of the Committee) Jacob Krüger: Understanding the Re-Engineering of Variant-Rich Systems: An Empirical Corpus on Economics, Knowledge, Traceability, and Practices, Otto-von-Guericke-Universität Magdeburg, Germany, Sept 2021.
- (Member of the Committee) Philipp Haindl: Measuring and Evaluating the Value of Software Features in DevOps, PhD Thesis Defense, Johannes Kepler University, Linz, Sept 2021.
- (Member of the Committee) Sebastian Krieter: Enabling Efficient Automated Configuration Generation and Management, Otto-von-Guericke-Universität Magdeburg, Germany, 2022.
- (Member of the Committee) Sandra Greiner: Reuse of Model Transformations for Propagating Variability Annotations in Annotative Software Product Lines, Universität Bayreuth, Germany, 2022.

Miscellaneous

- *Personal interests/hobbies*: running, hiking, traveling, photography

Other Profiles on the Web

- https://rickrabiser.github.io/rick/
- https://www.jku.at/en/lit-cyber-physical-systems-lab/about-us/our-team/univ-prof-mag-dr-rick-rabiser
- http://mevss.jku.at/rabiser
- https://scholar.google.at/citations?user=7-AdX4sAAAAJ&hl=en
- http://dblp.uni-trier.de/pers/hd/r/Rabiser:Rick.html
- https://dl.acm.org/author_page.cfm?id=81317499206&coll=DL&dl=ACM&trk=0

- https://at.linkedin.com/in/rick-rabiser-a1437913
- https://www.xing.com/profile/Rick_Rabiser?sc_o=mxb_p
- https://twitter.com/RickRabiser
- https://www.researchgate.net/profile/Rick_Rabiser
- http://orcid.org/0000-0003-3862-1112
- http://www.researcherid.com/rid/B-8673-2017
- https://fodok.jku.at/fodok/person.xsql?PER_ID=9981
- https://aminer.org/profile/rick-rabiser/53f45e83dabfaedd74e4b582
- https://www.semanticscholar.org/author/Rick-Rabiser/2140666

Talks

Invited talks at universities, companies, conferences and workshops

2007-06-15	Tiscover AG Travel Information Systems, Softwarepark Hagenberg, Austria: „DOPLER – Decision-Oriented Product Line Engineering for effective Reuse".
2007-09-26	Robert Bosch GmbH, Stuttgart: "Product Configuration in Large-Scale Product Lines" (together with Paul Grünbacher and Deepak Dhungana).
2007-09-28	Panel Discussion: Forum Informatik - "Erlebte Meilensteine der Informatik. 4 Generationen berichten" (panel on computer science – "milestones in computer science. 4 generations report their experiences"). Panel: Univ.-Prof. Dr. Heinz Zemanek, Univ.-Prof. Dr. Gerhard Chroust, Univ.-Prof. Dr. Hanspeter Mössenböck, Rick Rabiser. Johannes Kepler University Linz.
2007-11-21	Siemens AG, Corporate Research and Technologies, Munich, Germany: "DOPLER – Decision-Oriented Product Line Engineering for effective Reuse" (together with Paul Grünbacher and Deepak Dhungana).
2007-12-10	Sandvik Mining and Construction G.m.b.H., Zeltweg: "DOPLER – Decision-Oriented Product Line Engineering for effective Reuse" (together with Paul Grünbacher and Deepak Dhungana).
2008-02-06	Lero, University of Limerick, Ireland: "The DOPLER Tool Suite for Software Product Line Engineering" (together with Paul Grünbacher and Deepak Dhungana).
2008-11-06	FH Hagenberg, Austria: "Software Product Line Engineering: An Introduction".
2008-12-09	ENGEL Austria, Schwertberg: "DOPLER – Decision-Oriented Product Line Engineering for effective Reuse" (together with Paul Grünbacher).
2009-01-21	Siemens CT/MED, Erlangen, Germany: "DOPLER: An Integrated Tool Suite for Software Product Line Engineering", with Deepak Dhungana, Paul Grünbacher, and Martin Lehofer.
2009-11-06	FH Hagenberg, Austria: "Software Product Line Engineering: An Introduction".
2011-08-30	Euromicro SEAA Research Methods Tutorial Keynote, Oulu, Finland: "Systematic Literature Reviews: Introduction and Personal Experiences".
2012-04-17	Course TJTSS53 Software product line engineering and management at University of Jyväskylä: "DOPLER: An Integrated Tool Suite for Software Product Line Engineering".
2012-11-19	The 23rd CREST Open Workshop (Change Impact Analysis and Testing of Software Product Lines), University College London: "Analyzing the Impact of Changes to Variability Models on Products".
2013-08-27	1st International Workshop on Multi Product Line Engineering, at SPLC 2013, Tokyo, Japan: "Multi Product Line Engineering: Results from a Cooperation of the CD-Lab for ASE and Siemens CT".
2014-05-26	TU Braunschweig, Germany: "Requirements-based Runtime Monitoring and Diagnosis for Systems of Systems".
2014-09-18	Panellist at the Sustainability in Software Product Lines Panel at SPLC 2014, Florence, Italy (together with: Danilo Beuche, Paul Clements, Mark Harman, Linda Northrop).
2015-04-14	Charles University, Prague: "REMINDS: Requirements Monitoring for Very-Large-Scale Software Systems".
2015-04-22	Politecnico di Milano, Italy: "REMINDS: Requirements Monitoring for Systems of Systems" (together with Michael Vierhauser).
2017-07-13	University of Hildesheim, Germany: "Requirements-based Monitoring and Diagnosis of Systems of Systems".
2017-07-20	Siemens AG, Corporate Research and Technologies, Munich, Germany: "Requirements-based Monitoring and Diagnosis of Systems of Systems".
2017-10-24	Siemens AG, Corporate Research and Technologies, Munich, Germany: "REMINDS: Requirements-based Monitoring and Diagnosis of Systems of Systems".
2019-02-07	AAU Klagenfurt (Alpen-Adria University Klagenfurt), Austria: "Developing and Evolving a DSL-Based Approach for Runtime Monitoring of Systems of Systems".

2019-03-19	Software Competence Center Hagenberg, Austria: "Mastering Variability in Software-Intensive and Cyber-Physical Systems".
2021-11-12	WKO Oberösterreich: „Software-Variantenvielfalt von Automatisierungssystemen erfolgreich managen".
2021-06-17	Production & IT: „Beherrschung der Software-Variantenvielfalt in Produktionssystemen". (Keynote)
2021-09-14	Siemens Product Configuration Symposium: „Mastering Variability in Software-intensive Cyber-Physical Production Systems". (Keynote)
2021-09-16	23rd International Workshop on Configuration: „Mastering Variability in Software-intensive Cyber-Physical Production Systems". (Keynote)
2022-01-20	ASEA-UNINET Workshop and Alumni Meeting 2022: How to write a research proposal
2022-02-25	"Cool features and tough decisions: a comparison of variability modeling approaches", Invited Most-Influential Paper Award Talk, VaMoS 2022 (virtual)
2022-06-02	"Usability of Software Engineering Tools" (Keynote, with Bianca Wiesmayr), SECPPS Workshop, Internationale Akademie Traunkirchen

Scientific talks at conferences and workshops (presentation of publications)

Venue	Talks
SPLC 2006, 10th International Software Product Line Conference, Baltimore, Maryland, USA, Aug 2006.	▪ "Facilitating the Involvement of Non-Technicians in Product Configuration" (Doctoral Symposium). ▪ "A Collaborative Approach for Reengineering-based Product Line Scoping". First International Workshop on Agile Product Line Engineering (APLE).
ECAI 2006, 17th European Conference on Artificial Intelligence, Riva Del Garda, Italy, Aug 2006.	▪ "Integrating Knowledge-Based Product Configuration and Product Line Engineering: An Industrial Example" (Workshop on Configuration).
VaMoS 2007, First International Workshop on Variability Modelling of Software-intensive Systems, Limerick, Ireland, Jan 2007.	▪ "DecisionKing: A Flexible and Extensible Tool for Integrated Variability Modeling" (together with Paul Grünbacher).
Euromicro SEAA 2007, 33rd EUROMICRO Conference on Software Engineering and Advanced Applications, Lübeck, Germany, Sep 2007.	▪ "Integrated Support for Product Configuration and Requirements Engineering in Product Derivation".
SPLC 2007, 11th International Software Product Line Conference, Kyoto, Japan, Sept 2007.	▪ "Supporting Product Derivation by Adapting and Augmenting Variability Models". ▪ "Tool Support for Product Derivation in Large-Scale Product Lines: A Wizard-based Approach" (ViSPLE). ▪ "DOPLER: An Adaptable Tool Suite for Product Line Engineering" (Tool Demonstration).
VaMoS 2008, Second International Workshop on Variability Modelling of Software-intensive Systems, Essen, Germany, Jan 2008.	▪ "Value-Based Elicitation of Product Line Variability: An Experience Report".
SPLC 2008, 12th International Software Product Line Conference, Limerick, Ireland, Sep 2008.	▪ "Flexible and User-Centered Visualization Support for Product Derivation", 2nd International Workshop on Visualisation in Software Product Line Engineering (ViSPLE).
HICSS 2009, 42nd Hawaii International Conference on System Sciences, Waikoloa, Big Island, HI, USA, Jan 2009.	▪ "Three-level Customization of Software Products Using a Product Line Approach".
Software Quality Days 2009, Vienna, Austria, Jan 2009.	▪ "DOPLER: Integrierte Software-Werkzeuge für Produktlinien-Engineering" (with Deepak Dhungana).
SPLC 2009, 13th International Software Product Line Conference, San Francisco, CA, USA, Aug 2009.	▪ "Important Issues and Key Activities in Product Derivation: Experiences from Two Independent Research Projects" (together with Pádraig O'Leary).
ASE 2009, 24th IEEE/ACM Int'l Conference on Automated Software Engineering, Auckland, New Zealand, Nov 2009.	▪ "Model-based Customization and Deployment of Eclipse-Based Tools: Industrial Experiences" (together with Deepak Dhungana).
SPLC 2010, 14th International Software Product Line Conference, Jeju Island, South Korea, Sep 2010.	▪ "A Flexible Approach for Generating Product-Specific Documents in Product Lines".
ASE 2010, 25th IEEE/ACM International Conference on Automated Software Engineering, Antwerp, Belgium, Sep 2010.	▪ "Improving Awareness during Product Derivation in Multi-User Multi Product Line Environments". 1st International Workshop on Automated Configuration and Tailoring of Applications (ACoTA).
Dagstuhl Feature-Oriented Software Development (FOSD) Seminar 2011, Schloss Dagstuhl, Germany.	▪ "Improving a Research Prototype for Real-World Use: Industrial Requirements" (together with Paul Grünbacher).
VaMoS 2012, Sixth International Workshop on Variability Modelling of Software-intensive Systems, Leipzig, Germany, Jan 2012.	▪ "Cool Features and Tough Decisions: A Comparison of Variability Modeling Approaches".
SPLC 2012, 16th International Software Product Line Conference, Salvador, Brazil,	▪ "Doctoral Symposium: Welcome, Introduction and Motivation" (Doctoral Symposium).

Sep 2012.	▪ "How to write a good PhD thesis" (Doctoral Symposium).
VaMoS 2014, 8th International Workshop on Variability Modelling of Software-intensive Systems, Nice, France, Jan 2014.	▪ "A survey on teaching software product lines." (together with Mathieu Acher).
REFSQ 2014, 20th International Working Conference on Requirements Engineering: Foundation for Software Quality, Essen, Germany, Apr 2014.	▪ "A Requirements Monitoring Infrastructure for Very-Large-Scale Software Systems".
VaMoS 2015, 9th International Workshop on Variability Modelling of Software-intensive Systems, Hildesheim, Germany, Jan 2015.	▪ "Variability Management for a Runtime Monitoring Infrastructure".
SE 2016, Software Engineering, Vienna, Austria, Feb 2016.	▪ "A DSL-Based Approach for Event-Based Monitoring of Systems of Systems".
ICSE 2016, The 38th International Conference on Software Engineering, Austin, TX, USA, May 2016.	▪ "Assessing the Usefulness of a Requirements Monitoring Tool: A Study Involving Industrial Software Engineers". ▪ "Event Capture and Compare for Runtime Monitoring of Systems of Systems" (VACE).
SPLC 2016, 20th International Systems and Software Product Line Conference, Beijing, China, Sep 2016	▪ "Joint speech by the main track chairs".
REFSQ 2017, 23rd International Working Conference on Requirements Engineering: Foundation for Software Quality, Essen, Germany, Feb/Mar 2017	▪ "From Requirements Monitoring to Diagnosis Support in System of Systems".
ICPE 2017, 8th ACM/SPEC International Conference on Performance Engineering, L'Aquila, Italy, Apr 2017.	▪ "MoLS Workshop Overview and Community Initiatives" (MoLS). ▪ "Workshop Summary of MoLS".
DEBS 2017, 11th ACM International Conference on Distributed and Event-Based Systems, Barcelona, Spain, Jun 2017.	▪ "An Event-based Capture-and-Compare Approach to Support the Evolution of Systems of Systems".
SEAA 2017: 43rd Euromicro Conference on Software Engineering and Advanced Applications, Vienna, Austria, Aug/Sep 2017	▪ "A Systematic Mapping Study on DSL Evolution".
SPLC 2018, 22nd International Systems and Software Product Line Conference (SPLC 2018), Gothenburg, Sweden, Sept 2018	▪ "Teaching Software Product Lines: A Snapshot of Current Practices and Challenges" ▪ "A Study and Comparison of Industrial vs. Academic Software Product Line Research Published at SPLC"
SE 2019, Software Engineering Konferenz, Stuttgart, Germany, Feb 2019	▪ "Developing and Evolving a DSL-Based Approach for Runtime Monitoring of Systems of Systems"
SPLC 2019, 23rd International Systems and Software Product Line Conference (SPLC 2019), Paris, France, Sept 2019	▪ "Feature Modeling vs. Decision Modeling: History, Comparison and Perspectives" ▪ "Industrial and Academic Software Product Line Research at SPLC: Perceptions of the Community"
MODEVAR 2020 Workshop, collocated with VaMoS 2020, the 14th International Working Conference on Variability Modelling of Software-Intensive Systems, Magdeburg, Germany, Feb 5-7, 2020	▪ "Ideas towards unifying variability modeling" (together with Kevin Feichtinger)
SE 2020, Software Engineering Konferenz, Innsbruck, Austria, Feb 2020	▪ „Welcome and Opening"
ISM 2020, International Conference on Industry 4.0 and Smart Manufacturing, Hagenberg, Austria (virtual), Nov 23-25, 2020	▪ "Towards Mastering Variability in Software-intensive Cyber-physical Production Systems"
SE 2021, Software Engineering Konferenz, Braunschweig, Germany (virtual), Feb 22-26, 2021	▪ "A Domain Analysis of Resource and Requirements Monitoring: Towards a Comprehensive Model of the Software Monitoring Domain"

SEAA 2021: 47th Euromicro Conference on Software Engineering and Advanced Applications, Palermo, Italy (virtual), Sept 1-3, 2021	▪ "A Systematic Study as Foundation for a Variability Modeling Body of Knowledge"
SEAA 2022: 48th Euromicro Conference on Software Engineering and Advanced Applications (SEAA), Gran Canaria, Spain, Aug 31-Sept 2, 2022	▪ "Bad Smells in Industrial Automation: Sniffing out Feature Envy"
SPLC 2022: 26th ACM International Systems and Software Product Line Conference (SPLC 2022), Graz, Austria, Sept 12-16, 2022	▪ "Tutorial on the Universal Variability Language"

Publications (163 total: 3 theses, 2 book chapters, 24 journal articles, 64 conference papers, 40 workshop papers, 35 other publications, and 6 proceedings) – most representative publications in bold face font

---

Theses

Rabiser R.: Variability in Software Engineering: Definition, Utilization, and Evolution. Habilitation Thesis for Practical Computer Science, Johannes Kepler University, Linz, Austria, 2016.

Rabiser, R.: A User-Centered Approach to Product Configuration in Software Product Line Engineering. PhD Thesis, Institute for Systems Engineering and Automation, Christian Doppler Laboratory for Automated Software Engineering, Johannes Kepler University, Linz, Austria, 2009.

Rabiser, R.: MSP II - Entwicklung eines mobilen Werkzeugs für das szenariobasierte Requirements Engineering, Master Thesis, Institute for Systems Engineering and Automation, Johannes Kepler University Linz, Austria, 2005.

Book Chapters

Rabiser, R., Vierhauser, M., Lehofer, M., Grünbacher, P., Männistö, T.: Configuring and Generating Technical Documents. In: Felfernig, A., Hotz, L., Bagley, C., Tiihonen, J.: Knowledge-Based Configuration, Elsevier, 2014.

Heider, W., Grünbacher, P., Rabiser, R., Lehofer, M.: Evolution-Driven Trace Acquisition in Eclipse-Based Product Line Workspaces. In: Cleland-Huang, J., Gotel, O., Zisman, A. (eds.), Software and Systems Traceability, Springer London, 2012, pp. 195-213.

Journals and Magazines

Gutierrez, A., Sonnleithner, L., Zoitl, A., Rabiser, R.: Ansätze zur Beherrschung der Variabilität in Software-intensiven Cyber-Physischen Produktionssystemen. e & i Elektrotechnik und Informationstechnik, vol. 138, pp. 321-329, 2021.

Rabiser, R., Zoitl, A.: Towards Mastering Variability in Software-Intensive Cyber-Physical Production Systems, Procedia Computer Science, Proceedings of the 2nd International Conference on Industry 4.0 and Smart Manufacturing (ISM 2020), vol. 180, pp. 50-59, 2021.

Quinton, C., Vierhauser, M., Rabiser, R., Baresi, L., Grünbacher, P., Schumayer, C.: Evolution in Dynamic Software Product Lines. Journal of Software: Evolution and Process, vol. 33(2), pp. 1-25, 2021.

Rabiser, R., Schmid, K., Eichelberger, H., Vierhauser, M., Guinea, S., Grünbacher, P.: A Domain Analysis of Resource and Requirements Monitoring: Towards a Comprehensive Model of the Software Monitoring Domain. Information and Software Technology, vol. 111, pp. 86-109, 2019.

Krismayer, T., Schedl, M., Knees, P. and Rabiser, R.: Predicting User Demographics from Music Listening Information. Multimedia Tools and Applications, vol. 78(3), pp. 2897-2920, 2019.

Rabiser, R., Thanhofer-Pilisch, J., Vierhauser, M., Grünbacher, P., Egyed, A.: Developing and Evolving a DSL-Based Approach for Runtime Monitoring of Systems of Systems. Automated Software Engineering, vol. 25(4), pp. 875-915, 2018.

Acher, M., Lopez-Herrejon, R., Rabiser, R.: Teaching Software Product Lines: A Snapshot of Current Practices and Challenges. ACM Transactions on Computing Education, vol. 18(1), pp. 2:1-2:31, 2017.

Bashroush, R., Garba, M., Rabiser, R., Groher, G., Botterweck, G.: CASE Tool Support for Variability Management in Software Product Lines. ACM Computing Surveys, vol. 50(1), pp. 14:1-14:45, 2017.

Rabiser, R., Guinea, S., Vierhauser, M., Baresi, L., Grünbacher, P.: A Comparison Framework for Runtime Monitoring Approaches. Journal of Systems and Software, vol. 125, March 2017, pp. 309-321.

Vierhauser, M., Rabiser, R., Grünbacher, P.: Requirements Monitoring Frameworks: A Systematic Review, Information and Software Technology, vol. 80 (December 2016), pp. 89-109, 2016.

Vierhauser, M., Rabiser, R. and Grünbacher, P.: Monitoring Requirements in Systems of Systems, IEEE Software, vol. 33(5), pp. 22-24, September/October 2016.

Vierhauser, M., Rabiser, R., Grünbacher, P., Seyerlehner, K., Wallner, S., and Zeisel, H.: ReMinds: A Flexible Runtime Monitoring Framework for Systems of Systems. Journal of Systems and Software, vol. 112, pp. 123-136, 2016.

Galindo, J.A., Dhungana, D., Rabiser, R., Benavides, D., Botterweck, G., Grünbacher, P.: Supporting Distributed Product Configuration by Integrating Heterogeneous Variability Modeling Approaches. Information and Software Technology, vol. 62(6), pp. 78-100, 2015.

Biffl, S., Kalinowski, M., Rabiser, R., Ekaputra, F., Winkler, D.: Systematic Knowledge Engineering: Building Bodies of Knowledge from Published Research. International Journal of Software Engineering and Knowledge Engineering (IJSEKE), vol. 24(10), pp. 1533-1571, 2014.

Schaefer, I., Rabiser, R., Clarke, D., Bettini, L., Benavides, D., Botterweck, G., Pathak, A., Trujillo, S., Villela, K.: Software diversity: state of the art and perspectives. International Journal on Software Tools for Technology Transfer, Special Section on Software Diversity, vol. 14(5), pp. 477-495, 2012.

Holl, G., Grünbacher, P., Rabiser, R.: A Systematic Review and an Expert Survey on Capabilities Supporting Multi Product Lines. Information and Software Technology, vol. 54(8), pp. 828-852, 2012.

Heider, W., Rabiser, R., Grünbacher, P.: Facilitating the Evolution of Products in Product Line Engineering by Capturing and Replaying Configuration Decisions. International Journal on Software Tools for Technology Transfer, Special Section on Software Diversity, vol. 14(5), pp. 613-630, 2012.

Dhungana, D., Grünbacher, P., Rabiser, R.: The DOPLER Meta-Tool for Decision-Oriented Variability Modeling: A Multiple Case Study. Automated Software Engineering, vol. 18(1), pp. 77-114, 2011.

Rabiser, R., O'Leary, P., Richardson, I.: Key Activities for Product Derivation in Software Product Lines. The Journal of Systems and Software, vol. 84(2), pp. 285-300, 2011.

Heider, W., Froschauer, R., Grünbacher, P., Rabiser, R, Dhungana, D.: Simulating Evolution in Model-based Product Line Engineering, Information and Software Technology, vol. 52(7), pp. 758-769, 2010.

Dhungana, D., Grünbacher, P., Rabiser, R., Neumayer, T.: Structuring the Modeling Space and Supporting Evolution in Software Product Line Engineering. Journal of Systems and Software, vol. 83(7), pp. 1108-1122, 2010.

Rabiser, R., Grünbacher, P., Dhungana, D.: Requirements for Product Derivation Support: Results from a Systematic Literature Review and an Expert Survey. Information and Software Technology, vol. 52(3), pp. 324-346, 2010.

Noor, M.A., Rabiser, R., Grünbacher, P.: Agile Product Line Planning: A Collaborative Approach and a Case Study. Journal of Systems and Software 81 (6), June 2008, pp. 868-882.

Rabiser, R., Dhungana, D., Grünbacher, P. Lehner, K., Federspiel, C.: Product Configuration Support for Nontechnicians: Customer-Centered Software Product-Line Engineering. In.: Carsten Sinz and Albert Haag (Eds.): Configuration. IEEE Intelligent Systems, 22(1) Jan/Feb 2007, IEEE CS, pp. 78-90.

Conferences

Sonnleithner, L., Bauer, P., Rabiser, R., Zoitl, A.: Applying Visualization Concepts to Large-Scale Software Systems in Industrial Automation. Proc. of the 10th IEEE Working Conference on Software Visualization (VISSOFT 2022), Limassol, Cyprus, IEEE, 2022.

Feichtinger, K., Sundermann, C., Thüm, T., Rabiser, R.: It's Your Loss: Classifying Information Loss During Variability Model Roundtrip Transformations. Proc. of the 26th ACM International Systems and Software Product Line Conference (SPLC 2022), Graz, Austria, ACM, 2022, pp. 67-78.

Fadhlillah, H. S., Sharma, S., Rabiser, R., Zoitl, A.: Supporting Variability Management in Cyber-Physical Production Systems: Towards Semi-Automatic Delta Model Mining for IEC 61499. Proc. of the 27th International Conference on Emerging Technologies and Factory Automation (ETFA), Stuttgart, Germany, IEEE, 2022.

Feichtinger, K., Meixner, K., Rinker, F., Koren, I., Eichelberger, H., Heinemann, T., Holtmann, J., Konersmann, M., Michael, J., Neumann, E.-M., Pfeiffer, J., Rabiser, R., Riebisch, M., Schmid, K.: Industry Voices on Software Engineering Challenges in Cyber-Physical Production Systems Engineering. Proceedings of the 27th International Conference on Emerging Technologies and Factory Automation (ETFA), Stuttgart, Germany, IEEE, 2022.

Unterdechler, M., Gutierrez, A., Sonnleithner, L., Rabiser, R., Zoitl, A.: Identifying repeating patterns in IEC 61499 systems with machine learning. Proceedings of the 27th International Conference on Emerging Technologies and Factory Automation (ETFA), Stuttgart, Germany, IEEE, 2022.

Sonnleithner, L., Rabiser, R., Zoitl, A.: Bad Smells in Industrial Automation: Sniffing out Feature Envy. Proc. of the 48th Euromicro Conference on Software Engineering and Advanced Applications (SEAA), Gran Canaria, Spain, IEEE, 2022, pp. 346-349.

Vogel-Heuser, B., Neumann, E.-M., Fischer, J., Marcos, M., Estévez Estévez, E., Barbieri, G., Sonnleithner, L, Rabiser, R.: Automation Software Architecture in CPPS – Definition, Challenges and Research Potentials. Proc. of the 5th IEEE International Conference on Industrial Cyber-Physical Systems (ICPS), Coventry, United Kingdom, 2022, pp. 1-8.

Feichtinger, K., Meixner, K., Biffl, S., Rabiser, R.: Evolution Support for Custom Variability Artifacts using Feature Models: A Study in the Cyber-Physical Production Systems Domain. Proc. of the 20th International Conference on Software and Systems Reuse (ICSR), Montpellier, France, Springer, 2022, pp. 79-84.

Fadhlillah, H. S., Feichtinger, K., Meixner, K., Sonnleithner, L., Rabiser, R., Zoitl, A.: Towards Multidisciplinary Delta-Oriented Variability Management in Cyber-Physical Production Systems. Proc. of the 16th International Working Conference on Variability Modelling of Software-Intensive Systems, Florence, Italy, ACM, 2022, pp. 13:1-13:10.

Meixner, K., Feichtinger, K., Biffl, S., Rabiser, R.: Efficient Production Process Variability Exploration. Proc. of the 16th International Working Conference on Variability Modelling of Software-Intensive Systems, Florence, Italy, ACM, 2022, pp. 14:1-14:9.

Wiesmayr, B., Zoitl, A., Rabiser, R.: Assessing the Usefulness of a Visual Programming IDE for Large-Scale Automation Software. Software Engineering, GI, 2022, pp. 91-92.

Vogel-Heuser, B., Neumann, E.-M., Zoitl, A., Gutierrez Fernandez, A. M., Rabiser, R., Fadhlillah, H. S.: An International Case Study on Control Software Development in Large-Scale Plant Manufacturing Companies of One Industrial Sector at Different Locations. Proc. of the 47th Annual Conference of the IEEE Industrial Electronics Society (IECON), IEEE, 2021, pp. 1-8.

Fadhlillah, H. S., Wiesmayr, B., Oberlehner, M., Rabiser, R., Zoitl, A.: Towards Delta-Oriented Variability Modeling for IEC 61499. Proc. of the 26th International Conference on Emerging Technologies and Factory Automation (ETFA), IEEE, 2021, pp. 1-8.

Wiesmayr, B., Zoitl, A., Rabiser, R.: Assessing the Usefulness of a Visual Programming IDE for Large-Scale Automation Software. Proc. of the ACM/IEEE 24th International Conference on Model Driven Engineering Languages and Systems (MODELS), IEEE, 2021, pp. 297-307.

Schmid, K., Rabiser, R., Becker, M., Botterweck, G., Galster, M., Groher, I., Weyns, D.: Bridging the Gap: Voices from Industry and Research on Industrial Relevance of SPLC. Proc. of the 25th International Systems and Software Product Line Conference (SPLC 2021), Leicester, UK, ACM, 2021, pp. 184-189.

Sundermann, C., Feichtinger, K., Engelhardt, D., Rabiser, R., Thüm, T.: Yet Another Textual Variability Language? A Community Effort Towards a Unified Language. Proc. of the 25th International Systems and Software Product Line Conference (SPLC 2021), Leicester, UK, ACM, 2021, pp. 136-147.

Feichtinger, K., Meixner, K., Rabiser, R., Biffl, S.: A Systematic Study as Foundation for a Variability Modeling Body of Knowledge. Proc. of the 47th EUROMICRO Conference on Software Engineering and Advanced Applications (SEAA), Palermo, Italy, IEEE, 2021, pp. 25-28.

Feichtinger, K., Stöbich, J., Romano, D., Rabiser, R.: TRAVART: An Approach for Transforming Variability Models. Proc. of the 15th International Working Conference on Variability Modelling of Software-Intensive Systems (VaMoS 2021), Krems, Austria, ACM, 2021, pp. 8:1-8:10.

Fischer, S., Ramler, R., Klammer, C., Rabiser, R.: Testing of Highly Configurable Cyber-Physical Systems - A Multiple Case Study. Proc. of the 15th International Working Conference on Variability Modelling of Software-Intensive Systems (VaMoS 2021), Krems, Austria, ACM, 2021, pp. 19:1-19:10.

Rabiser, R., Schmid, K., Eichelberger, H., Vierhauser, M., Grünbacher, P.: A Domain Analysis of Resource and Requirements Monitoring: Towards a Comprehensive Model of the Software Monitoring Domain, Software Engineering, Braunschweig, Germany, LNI, Gesellschaft für Informatik e.V., 2021, pp. 91-92.

Feichtinger, K., Rabiser, R.: Variability Model Transformations: Towards Unifying Variability Modeling. Proc. of the 46th Euromicro Conference on Software Engineering and Advanced Applications (SEAA), Portoroz, Slovenia, IEEE, 2020, pp. 179-182.

Meixner, K., Rabiser, R., Biffl, S.: Feature Identification for Engineering Model Variants in Cyber-Physical Production Systems Engineering, Proc. of the 14th International Working Conference on Variability Modelling of Software-Intensive Systems, Magdeburg, Germany, ACM, 2020, pp. 18:1-18:5.

Krismayer, T., Vierhauser, M., Rabiser, R., Grünbacher, P.: Comparing Constraints Mined From Execution Logs to Understand Software Evolution. Proc. of the 35th IEEE International Conference on Software Maintenance and Evolution (ICSME), Cleveland, Ohio, USA, 2019, pp. 491-495.

Kritzinger, L. M., Krismayer, T., Rabiser, R., Grünbacher, P.: A User Study on the Usefulness of Visualization Support for Requirements Monitoring. 7th IEEE Working Conference on Software Visualization (VISSOFT 2019), Cleveland, Ohio, USA, 2019, pp. 56-66.

Rabiser, R., Schmid, K., Becker, M., Botterweck, G., Galster, M., Groher, I., and Weyns, D.: Industrial and Academic Software Product Line Research at SPLC: Perceptions of the Community. 23rd International Systems and Software Product Line Conference (SPLC 2019), Paris, France, ACM, 2019, pp. 189-194.

Krismayer, T., Rabiser, R., and Grünbacher, P.: A Constraint Mining Approach to Support Monitoring Cyber-Physical Systems. Proc. of the 31st International Conference on Advanced Information Systems Engineering (CAiSE'19), Rome, Italy, June 3-7, 2019, Springer, pp. 659-674.

Krismayer, T., Mayr-Dorn, C., Tuder, J., Rabiser, R., Grünbacher, P.: Using Constraint Mining to Analyze Software Development Processes, Proc. of ICSSP 2019, the International Conference on Software and Systems Process, collocated with ICSE 2019, Montreal, Canada, May 25-26, 201, pp. 94-103.

Krismayer, T., Rabiser, R., Grünbacher, P.: Mining Constraints for Monitoring Systems of Systems. Proc. of the 34th ACM/SIGAPP Symposium On Applied Computing (SAC 2019), Limassol, Cyprus, 2019, pp. 1864-1866.

Krismayer, T., Kronberger, P., Rabiser, R., Grünbacher, P.: Supporting the Selection of Constraints for Requirements Monitoring from Automatically Mined Constraint Candidates. Proc. of the 25th International

Working Conference on Requirements Engineering: Foundation for Software Quality (REFSQ 2019), Essen, Germany, Springer LNCS, 2019, pp. 193-208.

Rabiser, R., Thanhofer-Pilisch, J., Vierhauser, M., Grünbacher, P., Egyed, A.: Developing and Evolving a DSL-Based Approach for Runtime Monitoring of Systems of Systems," Software Engineering (SE 2019), Stuttgart, Germany, LNI, 2019, pp. 141-142.

Vierhauser, M., Cleland-Huang, J., Rabiser, R., Krismayer, T., Grünbacher, P.: Supporting Diagnosis of Requirements Violations in Systems of Systems. Proc. of the 26th IEEE International Requirements Engineering Conference (RE'18), Banff, Canada, IEEE, 2018, pp. 325-335.

Rabiser, R., Schmid, K., Becker, M., Botterweck, G., Galster, M., Groher, I., Weyns, D.: A Study and Comparison of Industrial vs. Academic Software Product Line Research Published at SPLC. Proc. of the 22nd International Systems and Software Product Line Conference (SPLC 2018), Gothenburg, Sweden, ACM, 2018, pp. 14-24.

Vierhauser, M., Cleland-Huang, J., Bayley, S., Krismayer, T., Rabiser, R., and Grünbacher, P.: Monitoring CPS at Runtime – A Case Study in the UAV Domain. Proc. of the 44th Euromicro Conference on Software Engineering and Advanced Applications (SEAA 2018), IEEE, 2018, pp. 73-80.

Krismayer, T., Rabiser, R., and Grünbacher, P.: Mining Constraints for Event-based Monitoring in Systems of Systems. Proc. of the 32nd IEEE/ACM International Conference on Automated Software Engineering (ASE 2017), Urbana-Champaign, Illinois, USA, IEEE, 2017, pp. 826-831.

Thanhofer-Pilisch, J., Lang, A., Vierhauser, M., Rabiser, R.: A Systematic Mapping Study on DSL Evolution. Proc. of the 43rd Euromicro Conference on Software Engineering and Advanced Applications (SEAA 2017), Vienna, Austria, IEEE, 2017, pp. 149-156.

Thanhofer-Pilisch, J., Rabiser, R., Krismayer, T., Vierhauser, M., Grünbacher, P., Wallner, S., Seyerlehner, K., Zeisel, H.: An Event-based Capture-and-Compare Approach to Support the Evolution of Systems of Systems. Proc. of the 11th ACM International Conference on Distributed and Event-Based Systems (DEBS 2017), Barcelona, Spain, ACM, 2017, pp. 261-270.

Vierhauser, M., Rabiser, R., Cleland- Huang, J.: From Requirements Monitoring to Diagnosis Support in System of Systems. Proc. of the 23rd International Working Conference on Requirements Engineering: Foundation for Software Quality (REFSQ 2017), Essen, Germany, Springer, 2017, pp. 181–187.

Rabiser, R., Vierhauser, M., Grünbacher, P.: Assessing the Usefulness of a Requirements Monitoring Tool: A Study Involving Industrial Software Engineers. Proc. of the 38th International Conference on Software Engineering (ICSE 2016), ICSE Companion, Austin, TX, USA, ACM, 2016, pp. 122-131.

Vierhauser, M., Rabiser, R., Grünbacher, P., Egyed, A.: A DSL-Based Approach for Event-Based Monitoring of Systems of Systems. Software Engineering Konferenz (SE 2016), Wien, Austria, Lecture Notes in Informatics (LNI), Gesellschaft für Informatik, 2016, pp. 93-94.

Vierhauser, M., Rabiser, R., Grünbacher, P., Egyed, A.: Developing a DSL-Based Approach for Event-Based Monitoring of Systems of Systems: Experiences and Lessons Learned. Proc. of the 30th IEEE/ACM International Conference Automated Software Engineering, Lincoln, Nebraska, USA, IEEE, 2015, pp. 715-725.

Vierhauser, M., Rabiser, R., Grünbacher, P., and Aumayr, B.: A Requirements Monitoring Model for Systems of Systems. Proc. of the 23rd IEEE International Requirements Engineering Conference (RE'15), Ottawa, Canada, IEEE, 2015, pp. 96-105.

C. Quinton, R. Rabiser, M. Vierhauser, P. Grünbacher, and L. Baresi: Evolution in Dynamic Software Product Lines: Challenges and Perspectives. Proc. of the 19th International Software Product Line Conference (SPLC 2015), Nashville, USA, ACM, 2015, 126-130.

Rabiser, R., Vierhauser, M., Grünbacher, P., Dhungana, D., Schreiner, H., Lehofer, M.: Supporting Multiplicity and Hierarchy in Model-based Configuration: Experiences and Lessons Learned, Proceedings of the 17th International Conference on Model Driven Engineering Languages and Systems (MODELS 2014), Valencia, Spain, Springer, 2014, pp. 320-336.

Vierhauser, M., Rabiser, R., Grünbacher, P.: A Case Study on Testing, Commissioning, and Operation of Very-Large-Scale Software Systems, Proceedings of the 36th International Conference on Software Engineering (ICSE), ICSE Companion, Hyderabad, India, ACM, 2014, pp. 125-134.

Vierhauser, M, Rabiser, R., Grünbacher, P.: A Requirements Monitoring Infrastructure for Very-Large-Scale Software Systems, Proceedings of the 20th International Working Conference on Requirements Engineering: Foundation for Software Quality (REFSQ 2014), Essen, Germany, April 7-10, 2014, pp. 88-94.

Vierhauser, M., Rabiser, R., Grünbacher, P., Danner, C., Wallner, S., Zeisel, H.: A Flexible Framework for Runtime Monitoring of System-of-Systems Architectures, Proceedings of the 11th Working IEEE/IFIP Conference on Software Architecture (WICSA 2014), IEEE, 2014, pp. 57-66. (Best Paper).

Rabiser, R., Grünbacher, P., Lehofer, M.: A Qualitative Study on User Guidance Capabilities in Product Configuration Tools. Proc. of the 27th IEEE/ACM International Conference Automated Software Engineering (ASE'12), Essen, Germany, ACM, 2012, pp. 110-119.

Jahn, M., Rabiser, R., Grünbacher, P., Löberbauer, M., Wolfinger, R., Mössenböck, H.: Supporting Model Maintenance in Component-based Product Lines. Joint 10th Working IEEE/IFIP Conference on Software Architecture & 6th European Conference on Software Architecture (WICSA/ECSA), Helsinki, Finland, August 20-24, 2012, IEEE; pp, 21-30.

Lettner, D., Vierhauser, M., Rabiser, R., Grünbacher, P.: Supporting End Users with Business Calculations in Product Configuration. Proc. of the 16th International Software Product Line Conference (SPLC 2012), Salvador, Brazil, ACM, 2012, pp. 171-180.

Heider, W., Rabiser, R., Lettner, D., Grünbacher, P.: Using Regression Testing to Analyze the Impact of Changes to Variability Models on Products. Proc. of the 16th International Software Product Line Conference (SPLC 2012), Salvador, Brazil, ACM, 2012, pp. 196-205.

Dhungana, D., Seichter, D., Botterweck, G., Rabiser, R., Grünbacher, P., Benavides, D., Galindo, J.: Configuration of Multi Product Lines by Bridging Heterogeneous Variability Modeling Approaches. Proc. of the 15th International Software Product Line Conference (SPLC 2011), Munich, Germany, August 22-26, 2011, IEEE CS, pp. 120-129.

Vierhauser, M., Holl, G., Rabiser, R., Grünbacher, P., Lehofer, M., Stürmer, U.: A Deployment Infrastructure for Product Line Models and Tools. Proc. of the 15th International Software Product Line Conference (SPLC 2011), Munich, Germany, August 22-26, 2011, IEEE CS, pp. 287-294.

Vierhauser M., Grünbacher P., Egyed A., Rabiser R., Heider W.: Flexible and Scalable Consistency Checking on Product Line Variability Models. 25th IEEE/ACM International Conference on Automated Software Engineering (ASE 2010), Antwerp, Belgium, September 20-24, 2010, ACM, pp. 63-72.

Rabiser, R., Heider, W., Elsner, C., Lehofer, M., Grünbacher, P., Schwanninger, C.: A Flexible Approach for Generating Product-Specific Documents in Product Lines. Proc. of the 14th International Software Product Line Conference (SPLC 2010), Jeju Island, South Korea, September 13-17, 2010, LNCS 6287, Springer-Verlag Berlin Heidelberg 2010, pp. 47-61.

Grünbacher, P., Rabiser, R., Dhungana, D., Lehofer, M.: Model-based Customization and Deployment of Eclipse-Based Tools: Industrial Experiences. 24th IEEE/ACM International Conference on Automated Software Engineering (ASE 2009), November 16-20, 2009, Auckland, New Zealand, IEEE/ACM, 2009, pp. 247-256.

O'Leary, P., Rabiser, R., Richardson, I., Thiel, S.: Important Issues and Key Activities in Product Derivation: Experiences from Two Independent Research Projects. Proc. of the 13th International Software Product Line Conference (SPLC 2009), August 24-28, 2009, San Francisco, CA, USA, ACM International Conference Proceeding Series; Vol. 446, CarnegieMellon University, 2009, pp. 121-130.

Rabiser, R., Dhungana, D., Heider, W., Grünbacher, P.: Flexibility and End-User Support in Model-based Product Line Tools. Proc. of the 35th EUROMICRO SEAA Conference 2009, August 27-29, 2009, Patras, Greece, IEEE CS, pp. 508-511.

Rabiser, R., Wolfinger, R., Grünbacher, P.: Three-level Customization of Software Products Using a Product Line Approach. Proc. 42nd Hawaii International Conference on System Sciences (HICSS-42), Waikoloa, Big Island, HI, USA, January 5-8, 2009, IEEE CS, pp. 1-10.

Grünbacher, P., Rabiser, R., Dhungana, D.: Product Line Tools Are Product Lines Too: Lessons Learned from Developing a Tool Suite. Proc. of the 23rd IEEE/ACM International Conference on Automated Software Engineering, L'Aquila, Italy, September 15-19, 2008, IEEE/ACM, pp. 351-354.

Dhungana, D., Neumayer, T., Grünbacher, P., Rabiser, R.: Supporting Evolution in Model-based Product Line Engineering, Proc. of the 12th International Software Product Line Conference (SPLC 2008), Limerick, Ireland, September 8-12, 2008, IEEE CS, pp. 319-328.

Dhungana, D., Neumayer, T., Grünbacher, P., Rabiser, R.: Supporting Evolution of Product Line Architectures With Variability Model Fragments, Proceedings of the Seventh Working IEEE/IFIP Conference on Software Architecture (WICSA 2008), Vancouver, Canada, IEEE CS, 2008, pp. 327-330.

Rabiser, R., Grünbacher, P., Dhungana, D.: Supporting Product Derivation by Adapting and Augmenting Variability Models. Proceedings of the 11th International Software Product Line Conference (SPLC 2007), Kyoto, Japan, IEEE CS, 2007, pp. 141-150.

Dhungana, D., Grünbacher, P., Rabiser, R.: Domain-specific Adaptations of Product Line Variability Modeling. Proceedings of the IFIP WG 8.1 Working Conference on Situational Method Engineering: Fundamentals and Experiences, Geneva, Switzerland, International Federation for Information Processing, Springer Series in Computer Science, 2007, pp. 238-251.

Rabiser, R., Dhungana, D.: Integrated Support for Product Configuration and Requirements Engineering in Product Derivation. Proceedings of the 33rd EUROMICRO Conference on Software Engineering and Advanced Applications (EUROMICRO-SEAA07), Lübeck, Germany, IEEE CS, 2007, pp. 219-228.

Dhungana, D., Rabiser, R., Grünbacher, P.: Decision-Oriented Modeling of Product Line Architectures. Proceedings of the Sixth Working IEEE/IFIP Conference on Software Architecture, WICSA 2007, Mumbai, India, IEEE CS, 2007, pp. 22-25.

Dhungana, D., Rabiser, R., Grünbacher, P., Prähofer, H., Federspiel, C., Lehner, K.: Architectural Knowledge in Product Line Engineering: An Industrial Case Study. Proceedings of the 32nd Euromicro Conference on Software Engineering and Advanced Applications (EUROMICRO-SEAA06), Cavtat/Dubrovnik, Croatia, IEEE CS, 2006, pp. 186-197.

Workshops and Tool Demos

Fadhlillah, H.S, Feichtinger, K., Bauer, P., Kutsia, E., Rabiser, R.: V4rdiac: Tooling for Multidisciplinary Delta-Oriented Variability Management in Cyber-Physical Production Systems. Proc. of the 26th ACM International Systems and Software Product Line Conference (SPLC 2022), Graz, Austria, ACM, 2022, pp. 34-37.

Romano, D., Feichtinger, K., Beuche, D., Ryssel, U., Rabiser, R.: Bridging the Gap between Academia and Industry: Transforming the Universal Variability Language to pure::variants and back. Proc. of the Fifth International Workshop on Languages for Modelling Variability (MODEVAR 2022), collocated with the 26th ACM International Systems and Software Product Line Conference (SPLC 2022), Graz, Austria, ACM, 2022, pp. 123-131.

Meixner, K., Feichtinger, K., Rabiser, R., Biffl, S.: A Reusable Set of Real-World Product Line Case Studies for Comparing Variability Models in Research and Practice. Proc. of the Fourth Workshop on Experiences and Empirical Studies on Software Reuse (WEESR), 25th ACM International Systems and Software Product Line Conference (SPLC 2021), Leicester, UK, ACM, 2021, pp. 105-112.

Feichtinger, K., Rabiser, R.: How flexible must a Transformation Approach for Variability Models and Custom Variability Representations be? Proc. of the Fourth International Workshop on Languages for Modelling Variability (MODEVAR 2021), 25th ACM International Systems and Software Product Line Conference (SPLC 2021), Leicester, UK, ACM, 2021, pp. 69-72.

Fadhlillah, H. S., Feichtinger, K., Sonnleithner, L., Rabiser, R., Zoitl, A.: Towards Heterogeneous Multi-Dimensional Variability Modeling in Cyber-Physical Production Systems. Proceedings of the 4th Intl. Workshop on Variability and Evolution of Software-intensive Systems (VariVolution), collocated with SPLC 2021, Leicester, UK, ACM, 2021, pp. 123-129.

Feichtinger, K., Rabiser, R.: Towards Transforming Variability Models: Usage Scenarios, Required Capabilities and Challenges. Proc. of the 3rd International Workshop on Languages for Modelling Variability (MODEVAR), co-located with SPLC 2020, Montréal, Canada, ACM, 2020, pp. 44-51.

Feichtinger, K., Meixner, K., Rabiser, R., Biffl, S.: Variability Transformation from Industrial Engineering Artifacts: An Example in the Cyber-Physical Production Systems Domain. Proc. of the 3rd Intl. Workshop on Variability and Evolution of Software-Intensive Systems (VariVolution), co-located with SPLC 2020, Montréal, Canada, ACM, 2020, pp. 65-73.

Rabiser, R.: Feature Modeling vs. Decision Modeling: History, Comparison and Perspectives, First International Workshop on Languages for Modelling Variability (MODEVAR 2019), collocated with SPLC 2019, Paris, France, ACM, 2019, pp. 134-136.

Meixner, K., Rabiser, R., Biffl, S.: Towards Modeling Variability of Products, Processes, and Resources in CPPS. Second International Workshop on Variability and Evolution of Software-Intensive Systems (VariVolution 2019), collocated with SPLC 2019, Paris, France, ACM, 2019, pp. 49-56.

Krismayer, T., Schedl, M., Knees, P., Rabiser, R.: Prediction of User Demographics from Music Listening Habits. Proc. of the International Workshop on Content-based Multimedia Indexing, Florence, Italy, ACM, 2017, pp. 8:1-8:7.

Thanhofer-Pilisch, J., Vierhauser, M., Rabiser, R., Grünbacher, P.: Event Capture and Compare for Runtime Monitoring of Systems of Systems. Proc. of the First International Workshop on Variability and Complexity in Software Design (VACE), in conjunction with ICSE 2016, Austin, TX, USA, ACM, 2016, pp. 1-4.

Rabiser, R., Vierhauser, M., Grünbacher, P.: Variability Management for a Runtime Monitoring Infrastructure. Proc. of the 9th International Workshop on Variability Modelling of Software-intensive Systems (VaMoS 2015), Hildesheim, Germany, ACM, 2015, pp. 35-42.

Dhungana, D., Schreiner, H., Lehofer, M., Vierhauser, M., Rabiser, R., Grünbacher, P.: Modeling Multiplicity and Hierarchy in Product Line Architectures: Extending a Decision-Oriented Approach. 3rd International Workshop on Variability in Software Architecture, WICSA Companion 2014:11, ACM, 2014.

Acher, M., Lopez-Herrejon, R., Rabiser, R.: A Survey on Teaching of Software Product Lines. Proceedings of the 8th International Workshop on Variability Modelling of Software-intensive Systems (VAMOS 2014), Nice, France, January 22-24, 2014, ACM, pp. 3-10.

Lettner, D., Petruzelka, M., Rabiser, R., Angerer, F., Prähofer, H., Grünbacher, P.: Custom-Developed vs. Model-based Configuration Tools: Experiences from an Industrial Automation Ecosystem. MAPLE/SCALE 2013, Workshop at the 17th International Software Product Line Conference, Tokyo, Japan, August 26-30, 2013.

Vierhauser, M., Rabiser, R., Grünbacher, P., Wallner, S., Danner, C.: Evolving Systems of Systems: Industrial Challenges and Research Perspectives. In: Proceedings 1st International Workshop on Software Engineering of Systems-of-Systems, in conjunction with the 27th ECOOP edition, the 9th ECMFA edition and the 7th ECSA edition (ECMFA, ECOOP and ECSA 2013), Montepellier, France, 2013, ACM, pp. 1-4.

Grünbacher, P. and Rabiser, R.: Success Factors for Empirical Studies in Industry-Academia Collaboration: A Reflection, Proc. of the 1st International Workshop on Conducting Empirical Studies in Industry (CESI 2013), collocated with ICSE 2013, San Francisco, USA, IEEE, 2013, pp. 27-32.

Dhungana, D., Seichter, D., Botterweck, G., Rabiser, R., Grünbacher, P., Benavides, D., Galindo, J.A.: Integrating Heterogeneous Variability Modeling Approaches with Invar, Tool Demonstration, Proc. of the 7th International Workshop on Variability Modelling of Software-Intensive Systems (VaMoS 2013), Pisa, Italy, 2013, ACM, pp. 8ff.

Czarnecki, K., Grünbacher, P., Rabiser, R., Schmid, K., Wasowski, A.: Cool Features and Tough Decisions: A Comparison of Variability Modeling Approaches. Proc. of the 6th International Workshop on Variability Modeling of Software-Intensive Systems (VaMoS 2012), Leipzig, Germany, January 25-27, 2012, ACM, pp. 173-182.

Lettner, D., Thaller, D., Vierhauser, M., Rabiser, R., Grünbacher, P., Heider, W.: Supporting Business Calculations in a Product Line Engineering Tool Suite. Proc. of the Joint Workshop of the 3rd International Workshop on Model-driven Approaches in Software Product Line Engineering and the 3rd Workshop on Scalable Modeling Techniques for Software Product Lines, SPLC Workshops 2011, Munich, Germany, August 22-26, 2011, ACM, p 26.

Pleuss, A., Rabiser, R., Botterweck, G.: Visualization Techniques for Application in Interactive Product Configuration. Proc. of the Joint Workshop of the 3rd International Workshop on Model-driven Approaches in Software Product Line Engineering and the 3rd Workshop on Scalable Modeling Techniques for Software Product Lines, SPLC Workshops 2011, Munich, Germany, August 22-26, 2011, ACM, p 22.

Schmid, K., Rabiser, R., Grünbacher, P.: A Comparison of Decision Modeling Approaches in Product Lines. 5th International Workshop on Variability Modelling of Software-intensive Systems (VaMoS 2011), Namur, Belgium, January 26-29, 2011, ACM ICPS, ACM Press, pp. 119-126.

Holl, G., Vierhauser, M., Heider, W., Grünbacher, P., Rabiser, R.: Product Line Bundles for Tool Support in Multi Product Lines. 5th International Workshop on Variability Modelling of Software-intensive Systems (VaMoS 2011), Namur, Belgium, January 26-29, 2011, ACM ICPS, ACM Press, pp. 21-28.

Mazo, R., Grünbacher, P., Heider, W., Rabiser, R., Salinesi, C., Diaz, D.: Using Constraint Programming to Verify DOPLER Variability Models. 5th International Workshop on Variability Modelling of Software-intensive Systems (VaMoS 2011), Namur, Belgium, January 26-29, 2011, ACM ICPS, ACM Press, pp. 97-104.

Heider, W., Grünbacher, P., Rabiser, R.: Negotiation Constellations in Reactive Product Line Evolution. 4th International Workshop on Software Product Management (IWSPM 2010), in conjunction with 18th IEEE International Requirements Engineering Conference (RE'10), Sydney, Australia, Sept 27 - Oct 1, 2010 (accepted for publication).

Rabiser R., Grünbacher P., Holl G.: Improving Awareness during Product Derivation in Multi-User Multi Product Line Environments. 1st International Workshop on Automated Configuration and Tailoring of Applications (ACoTA 2010) in conjunction with 25th IEEE/ACM International Conference on Automated Software Engineering (ASE'10), Antwerp, Belgium, September 20-24, 2010, CEUR-WS, pp. 1-5.

Vierhauser, M., Dhungana, D., Heider, W., Rabiser, R., Egyed, A.: Tool Support for Incremental Consistency Checking on Variability Models. Proc. 4th International Workshop on Variability Modelling of Software-intensive Systems (VaMoS 2010), Linz, Austria, January 27-29, 2010, ICB-Research Report No. 37, University of Duisburg Essen, pp. 171-174.

Dhungana, D., Heymans, P., Rabiser, R.: A Formal Semantics for Decision-oriented Variability Modeling with DOPLER. Proc. 4th International Workshop on Variability Modelling of Software-intensive Systems (VaMoS 2010), Linz, Austria, January 27-29, 2010, ICB-Research Report No. 37, University of Duisburg Essen, pp. 29-35.

Heider, W., Rabiser, R.: Tool Support for Evolution of Product Lines through Rapid Feedback from Application Engineering. Proc. 4th International Workshop on Variability Modelling of Software-intensive Systems (VaMoS 2010), Linz, Austria, January 27-29, 2010, ICB-Research Report No. 37, University of Duisburg Essen, pp. 167-170.

Heider, W., Rabiser, R., Dhungana, D., Grünbacher, P.: Tracking Evolution in Model-based Product Lines. 1st International Workshop on Model-driven Approaches in Software Product Line Engineering (MAPLE 2009), Proc. (vol 2) of the 13th International Software Product Line Conference (SPLC 2009), San Francisco, CA, USA, August 24, 2009, Software Engineering Institute, Carnegie Mellon, pp. 59-63.

Grünbacher, P., Rabiser, R., Dhungana, D., Lehofer, M.: Structuring the Product Line Modeling Space: Strategies and Examples. Proc. Third International Workshop on Variability Modelling of Software-intensive Systems (VaMoS 2009), Sevilla, Spain, January 28-30, 2009, ICB-Research Report No. 29, University of Duisburg Essen, pp. 77-82.

Rabiser, R.: Flexible and User-Centered Visualization Support for Product Derivation, Proc. of the 12th International Software Product Line Conference (SPLC 2008), Second Volume, 2nd International Workshop on Visualisation in Software Product Line Engineering (ViSPLE 2008), Limerick, Ireland, September 8-12, 2008, Lero, pp. 323-328.

Rabiser, R., Dhungana, D., Grünbacher, P., Burgstaller, B.: Value-Based Elicitation of Product Line Variability: An Experience Report. Proceedings of the Second International Workshop on Variability Modelling of Software-intensive Systems (VAMOS 2008), Essen, Germany, ICB-Research Report No. 22, University of Duisburg Essen, 2008, pp. 73-79.

Rabiser, R., Dhungana, D., Grünbacher, P.: Tool Support for Product Derivation in Large-Scale Product Lines: A Wizard-based Approach. ViSPLE 2007 - 1st International Workshop on Visualisation in Software Product Line Engineering, Proceedings (vol. 2) of the 11th International Software Product Line Conference (SPLC 2007), Kyoto, Japan, Kindai Kagaku Sha Co Ltd, 2007, pp. 119-124.

Dhungana, D., Grünbacher, P., Rabiser, R.: DecisionKing: A Flexible and Extensible Tool for Integrated Variability Modeling. Proceedings of the First International Workshop on Variability Modelling of Software-intensive Systems (VAMOS 2007), Limerick, Ireland, Lero Technical Report 2007-01, 2007, pp. 119-128.

Dhungana, D., Rabiser, R., Grünbacher, P.: Coordinating Multi-Team Variability Modeling in Product Line Engineering. Proceedings of the Second International Workshop on Supporting Knowledge Collaboration in Software Development (KCSD2006), in conjunction with 21st IEEE/ACM International Conference on Automated Software Engineering, Tokyo, Japan, National Institute of Informatics (Tokyo, Japan), 2006, pp. 60-61.

Rabiser R., Seyff N., Grünbacher P., Maiden, N.: Capturing Multimedia Requirements Descriptions with Mobile RE Tools. Proc. of the First International Workshop on Multimedia Requirements Engineering - Beyond Mere Descriptions (MeRE'06), 14th International Requirements Engineering Conference (RE'06), Minneapolis/St.Paul, Minnesota, USA, IEEE CS, 2006, pp. 2-7.

Rabiser, R., Dhungana, D., Grünbacher, P.: Integrating Knowledge-Based Product Configuration and Product Line Engineering: An Industrial Example. Proceedings of the 17th European Conference on Artificial Intelligence (ECAI 2006) Workshop on Configuration, Riva Del Garda, Italy, 2006, pp. 48-50.

Noor, M.A., Rabiser, R., Grünbacher, P.: A Collaborative Approach for Reengineering-based Product Line Scoping. Proc. of the First International Workshop on Agile Product Line Engineering (APLE), 10th International Software Product Line Conference (SPLC'06), Baltimore, Maryland, USA, 2006.

Others *(publications in italics have not been peer-reviewed)*

Sundermann, C., Feichtinger, K., Galindo, J. A., Benavides, D., Rabiser, R., Krieter, S., Thüm, T.: Tutorial on the Universal Variability Language. Proc. of the 26th ACM International Systems and Software Product Line Conference (SPLC 2022), Graz, Austria, ACM, 2022, p. 260.

Rabiser, R., Vogel-Heuser, B., Wimmer, M., Wortmann, A., Zoitl, A.: Workshop on Software Engineering in Cyber-Physical Production Systems (SECPPS), 2nd Edition. Software Engineering, LNI, Gesellschaft für Informatik e.V., 2022, pp. 105-106.

Rabiser, R., Vogel-Heuser, B., Wimmer, M., Zoitl, A.: Workshop Summary: Software Engineering in Cyber-Physical Production Systems (SECPPS). Software Engineering, LNI, Gesellschaft für Informatik e.V., 2021, pp. 133-134.

Acher, M., Collet, P., Benavides, D., Rabiser, R.: Third International Workshop on Languages for Modelling Variability (MODEVAR@SPLC 2020), 24th ACM International Systems and Software Product Line Conference (SPLC 2020), Montreal, Canada, ACM, 2020, p. 298.

Acher, M., Rabiser, R., Lopez-Herrejon, R.: Fourth International Workshop on Languages for Modelling Variability (SPLTea 2019). Proc. of the 23rd International Systems and Software Product Line Conference (SPLC 2019), Paris, France, ACM, 2019, p. 322.

Benavides, D., Rabiser, R., Batory, D., Acher, M.: First International Workshop on Languages for Modelling Variability (MODEVAR 2019). Proc. of the 23rd International Systems and Software Product Line Conference (SPLC 2019), Paris, France, ACM, 2019, p. 323.

Krismayer, T., Kronberger, P., Rabiser, R., and Grünbacher, P.: ReMinds-CMT: An Interactive Tool Supporting Constraint Mining for Requirements Monitoring. Proc. of the 25th International Working Conference on Requirements Engineering: Foundation for Software Quality (REFSQ), Essen, Germany, 2019, CEUR-WS.

Felderer, M., Holmström Olsson, H., Rabiser, R.: Introduction to the special issue on quality engineering and management of software-intensive systems. Journal of Systems and Software, vol. 149, pp. 533-534, 2019.

Acher, M., Lopez-Herrejon, R., Rabiser, R.: SPLTea 2018: Third International Workshop on Software Product Line Teaching. Proc. of the 22nd International Systems and Software Product Line Conference (SPLC 2018), Gothenburg, Sweden, ACM, 2018, p. 297.

Acher, M., Lopez-Herrejon, R., Rabiser, R.: Teaching Software Product Lines: A Snapshot of Current Practices and Challenges (Journal-First Abstract), Proc. of the 22nd International Systems and Software Product Line Conference (SPLC 2018), Gothenburg, Sweden, ACM, 2018, p. 249.

Rabiser, R., Guinea, S., Vierhauser, M., Baresi, L., Grünbacher, P.: A Comparison Framework for Runtime Monitoring Approaches (Journal-First Abstract). Proc. of the IEEE International Conference on Software Analysis, Evolution and Reengineering (SANER 2018), Campobasso, Italy, IEEE, 2018, p. 483.

Vierhauser, M., Rabiser, R., Grünbacher, P., Cleland-Huang, J.: Establishing Trace-Links for Runtime Diagnosis Support in System of Systems. Grand Challenges of Traceability: The Next Ten Years, arXiv:1710.03129 [cs.SE], 2017, pp. 50-51.

Kritzinger, L. M., Krismayer, T., Vierhauser, M., Rabiser, R., Grünbacher, P.: Visualization Support for Requirements Monitoring in Systems of Systems. Proc. of the 32th IEEE/ACM International Conference on Automated Software Engineering (ASE 2017), Urbana Champaign, IL, USA, IEEE, 2017, pp. 889-894.

Rabiser, R., Vierhauser, M., Guinea, S., Hasselbring, W.: MoLS 2017 Workshop Chairs' Welcome / Introduction. Proc. of the 8th ACM/SPEC on International Conference on Performance Engineering Companion, L'Aquila, Italy, ACM, 2017, pp. 77-78.

Galster, M., Zdun, U., Weyns, D., Rabiser, R., Zhang, B., Goedicke, M., Perrouin, G.: Variability and Complexity in Software Design: Towards a Research Agenda. ACM SIGSOFT Softw. Eng. Notes, vol. 41(6), pp. 27-30, 2017.

Vierhauser, M., Rabiser, R., Grünbacher, P., Thanhofer-Pilisch, J.: The REMINDS Tool Suite for Runtime Monitoring of Systems of Systems. Proc. of the 30th IEEE/ACM International Conference Automated Software Engineering, Lincoln, Nebraska, USA, IEEE, 2015, pp. 777-781.

Rabiser, R. and Torkar, R.: Guest Editors' Introduction: Special section on Software Engineering and Advanced Applications. Information and Software Technology, vol. 67, 2015, p. 236 (doi: 10.1016/j.infsof.2015.06.005).

Acher, M., Lopez-Herrejon, R., Rabiser, R.: SPLTea 2015: Second International Workshop on Software Product Line Teaching. Proc. of the 19th International Software Product Line Conference, Nashville, USA, 2015, pp. 396-396.

Rabiser, R.: Heinz Zemanek – selbst im hohen Alter noch der beste Redner in einem Raum voller Akademiker: Eindrücke von der Podiumsdiskussion 'Erlebte Meilensteine der Informatik: 4 Generationen berichten'. in In memoriam Heinz Zemanek, K. A. Fröschl, G. Chroust, J. Stockinger, and N. Rozsenich, Eds.: OCG, 2015, pp. 102-104.

Acher, M., Lopez-Herrejon, R., Rabiser, R.: SPLTea 2014: First International Workshop on Software Product Line Teaching. Proc. of the 18th International Software Product Line Conference, Florence, Italy, ACM, 2014, pp. 352-352.

Botterweck, G., Dhungana, D., Noda, N., Rabiser, R., Washizaki, H.: Joint Workshop of the 5th International Workshop on Model-Driven Approaches in Software Product Line Engineering and the 4th Workshop on Scalable Modeling Techniques for Software Product Lines (MAPLE/SCALE 2013). SPLC 2013, ACM, p. 268.

Moonen, L., Acharya, M., Behjati, R., Tekinerdogan, B., Rabiser, R., Kang, K.C.: First International Workshop on Multi Product Line Engineering (MultiPLE 2013). SPLC 2013, ACM, pp. 269-270.

Botterweck, G., Dhungana, D., Rabiser, R.: Fourth International Workshop on Model-driven Approaches in Software Product Line Engineering (MAPLE 2012). Proc. of the 16th International Software Product Line Conference (SPLC 2012), Salvador, Brazil, ACM, 2012, pp. 288-289.

Rabiser, R.: SPLC 2012 Doctoral Symposium. Proc. of the 16th International Software Product Line Conference (SPLC 2012) Salvador, Brazil, ACM, 2012, pp. 295.

Benavides, D., Leucker, M., Becker, M., Rabiser, R., Villela, K., Wong, P.Y.H.: Formal Methods and Analysis in Software Product Line Engineering (FMSPLE 2011). Proc. of the 15th International Software Product Line Conference (SPLC 2011), Munich, Germany, 2011, IEEE CS, p. 336.

Botterweck, G., Noda, N., Dhungana, D., Rabiser, R., Babar, M.A., Cohen, S., Kang, K.C., Kishi, T.: Joint Workshop of the 3rd International Workshop on Model-driven Approaches in Software Product Line Engineering and the 3rd Workshop on Scalable Modeling Techniques for Software Product Lines (MAPLE/SCALE 2011). Proc. of the 15th International Software Product Line Conference (SPLC 2011), Munich, Germany, 2011, IEEE CS, p. 340.

Rabiser, R., Benavides, D.: Variability Modeling of Diverse Systems. In: I. Schaefer (ed): Survey on Diversity Awareness and Management, Deliverable 2.1 of the EternalS Coordination Action (FP7-247758), supported by the 7th Framework Programme of the EC within the FET (Future and Emerging Technologies) scheme, 2011, pp. 7-15.

Rabiser, R., Botterweck, G.: Evolution of Diverse Systems. In: I. Schaefer (ed): Survey on Diversity Awareness and Management, Deliverable 2.1 of the EternalS Coordination Action (FP7-247758), supported by the 7th Framework Programme of the EC within the FET (Future and Emerging Technologies) scheme, 2011, pp. 38-42.

Thiel, S., Rabiser, R., Dhungana, D., Cawley, C.: 3rd International Workshop on Visualisation in Software Product Line Engineering (VISPLE 2010). Proc. of the 14th International Software Product Line Conference (SPLC 2010), Jeju Island, Korea, September 13-17, 2010, Springer LNCS 6287, p. 527.

Dhungana, D., Groher, I., Rabiser, R., Thiel, S.: 2nd International Workshop on Model-Driven Approaches in Software Product Line Engineering (MAPLE 2010). Proc. of the 14th International Software Product Line Conference (SPLC 2010), Jeju Island, Korea, September 13-17, 2010, Springer LNCS 6287, p. 525.

Rabiser, R., Healy, P., Nestor, D., Sellier, D., Mannion, M.: 2nd International Workshop on Visualisation in Software Product Line Engineering, Proc. of the 12th International Software Product Line Conference (SPLC 2008), Limerick, Ireland, September 8-12, 2008, IEEE CS, p. 328.

Rabiser, R.: Systemgestaltung im heutigen industriellen Umfeld (German). In: G. Chroust und M. Lenz (eds.): Erlebte Meilensteine der Informatik - 4 Generationen berichten, 2008. Inst. f. Systems Engineering and Automation, Kepler Univ. Linz, SEA-SR-17. ISBN 978-3-902457-17-2, pp. 44-49.

Dhungana, D., Rabiser, R., Grünbacher, P., Neumayer, T.: Integrated Tool Support for Software Product Line Engineering. Proceedings of the 22nd IEEE/ACM International Conference on Automated Software Engineering (ASE 2007), Atlanta, Georgia, USA, ACM, 2007, pp. 533-534.

Rabiser, R., Dhungana, D., Grünbacher, P., Lehner, K., Federspiel, C.: Involving Non-Technicians in Product Derivation and Requirements Engineering: A Tool Suite for Product Line Engineering. Proceedings of the 15th International Requirements Engineering Conference (RE'07), New Delhi, India, IEEE CS, 2007, pp. 367-368.

Dhungana, D., Rabiser, R., Grünbacher, P., Lehner, K., Federspiel, C.: DOPLER: An Adaptable Tool Suite for Product Line Engineering. Proceedings (vol. 2) of the 11th International Software Product Line Conference (SPLC 2007), Kyoto, Japan, Kindai Kagaku Sha Co Ltd, 2007, pp. 151-152.

Rabiser, R.: Facilitating the Involvement of Non-Technicians in Product Configuration. Doctoral Symposium, 10th International Software Product Line Conference (SPLC'06), Baltimore, Maryland, USA, IESE-Report No. 104.06/E, Fraunhofer IESE, 2006, pp. 13-22.

Edited Proceedings

Felderer, M., Hasselbring, W., Rabiser, R., Jung, R.: Software Engineering 2020: Fachtagung des GI-Fachbereichs Softwaretechnik, 24. – 28. Februar 2020, Innsbruck, Austria. in Lecture Notes in Informatics (LNI) - Proceedings Series of the Gesellschaft für Informatik (GI). Bonn, Germany: Gesellschaft für Informatik e.V. (GI), 2020.

Cetina, C., Díaz, O., Duchien, L., Huchard, M., Rabiser, R., Salinesi, C., Seidl, C., Tërnava, X., Teixeira, L., Thüm, T., Ziadi T.: Proceedings of the 23rd International Systems and Software Product Line Conference, SPLC 2019, Volume B, Paris, France, September 9-13, 2019. ACM 2019.

Berger, T., Borba, P., Botterweck, G., Männistö, T., Benavides, D., Nadi, S., Kehrer, T., Rabiser, R., Elsner, C., Mukelabai, M.: 22nd International Systems and Software Product Line Conference: Proceedings - Volume 1. ACM, 2018.

Mei, H., (Rabiser, R., Xie, B., Elsner, C., Xie, Y., Andersson, J., Ruiz Cortés, A., Czarnecki, K., Selic, B., Wąsowski, A., Peng, X., Simmonds, J., Wei, J., Berger, T., Siegmund, N., Zhang, L., Bagheri, E., Xiong, Y).: 20th International Systems and Software Product Line Conference, SPLC 2016, Proceedings, ACM, 2016.

Becker, M., Benavides, D., Leucker, M., Rabiser, R., Villela, K., Wong, P.Y.H.: Proceedings of the 2nd International Workshop on Formal Methods and Analysis in Software Product Line Engineering, collocated with SPLC 2011, Munich, Germany, August 26, 2011.

Dhungana, D., Rabiser, R., Seyff, N., Botterweck, G.: Proceedings of the 1st International Workshop on Automated Configuration and Tailoring of Applications (ACoTA 2010), Antwerp, Belgium, CEUR-WS Vol-688, 2010 -- http://ceur-ws.org/Vol-688.