Curriculum Vitae

Univ.-Prof. Mag. Dr. Rick Rabiser
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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 professor for Software Engineering in Cyber-Physical Systems at the Linz Institute of Technology (LIT) and head of the LIT Cyber-Physical Systems Lab 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 140 (peer-reviewed) papers; served in over 100 international conference and workshop program and organization committees; and frequently reviews articles for several international journals like IEEE Transactions on Software Engineering, ACM Transactions on Software Engineering and Methodology, Empirical Software Engineering (Springer), Journal of Systems and Software (Elsevier), and Information and Software Technology (Elsevier). 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).

Current Position and Affiliation

Professor for Software Engineering in Cyber-Physical Systems, Linz Institute of Technology CPS Lab, Johannes Kepler University Linz, Austria.

Research Interests and Expertise

I am interested in
- Variability Management
- Systems and Software Product Lines
- Software Maintenance and Evolution
- Automated Software Engineering
- Requirements Engineering
- Requirements Monitoring
- Usability and User Interface Design
- Cyber-Physical Systems

I am an expert in
- Systems and Software Product Lines
- Variability Modeling and Management
- (User-Centered) Product Derivation
- (Systematic) Literature Studies and Surveys
- Usability Studies/User Studies
- Industry-Academia Collaboration
- Monitoring of Software(-intensive) Systems
- Domain-Specific Languages

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

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

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).

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

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)

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.

Services to the Research Community

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).

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.

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.

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.

Other positions/memberships

Current
- 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
- Member of the Most-Influential Software Product Line Paper Selection Committee, 2016-2020. Chair from April 2019-September 2019.

Past
- 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)

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
03/2021-09/2021	Project in Software Engineering PR
03/2021-09/2021	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
TBD/2021	Invited Talk and Exercise "Product Line Engineering" in Model-Driven Engineering KV (Lecturer: Prof. Alexander Egyed)

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.

(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-…

(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.

(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 Salvatore Romano: A Messaging Solution for the REMINDS Monitoring Framework, 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.

Miscellaneous

- Program Lead JKU Young Computer Scientists (https://www.jku.at/schule/jku-young-scientists/informatik/)
- *Member of the Habilitation Commission* of 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 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.
- *Personal interests/hobbies*: running, hiking, traveling, photography

Other Profiles on the Web

- https://rickrabiser.github.io/rick/
- https://www.jku.at/en/linz-institute-of-technology/research/research-labs/cyber-physical-systems-lab/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://academic.microsoft.com/profile/465f8jeg-ei1g-4ff2-e193-j0j2gg141792/RickRabiser/
- 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".

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	▪ "Value-Based Elicitation of Product Line Variability: An Experience Report".

Systems, Essen, Germany, Jan 2008.	
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, Sep 2012.	▪ "Doctoral Symposium: Welcome, Introduction and Motivation" (Doctoral Symposium). ▪ "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	▪ "MoLS Workshop Overview and Community Initiatives"

Conference on Performance Engineering, L'Aquila, Italy, Apr 2017.	(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"

Publications (147 total: 3 theses, 2 book chapters, 22 journal articles, 46 conference papers, 35 workshop papers, 33 other publications, and 6 proceedings) – most representative publications in bold face font

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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

Quinton, C., Vierhauser, M., Rabiser, R., Baresi, L., Grünbacher, P., Schumayer, C.: Evolution in Dynamic Software Product Lines. Journal of Software: Evolution and Process, 2020.

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.

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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.

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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.

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Conferences

Rabiser, R., Zoitl, A.: Towards Mastering Variability in Software-Intensive Cyber-Physical Production Systems, Proc. of the International Conference on Industry 4.0 and Smart Manufacturing (ISM 2020), Hagenberg, Austria, Elsevier, 2020.

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.

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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.

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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.

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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.

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