

Alexander Felfernig  
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## Forschungsgebiete

**Alexander Felfernig** is a full professor at the Graz University of Technology (Austria) since March 2009 and received his PhD in Computer Science from the University of Klagenfurt. He directs the Applied Software Engineering (ASE) research group. His research interests include configuration systems, recommender systems, model-based diagnosis, software requirements engineering, different aspects of human decision making, and knowledge acquisition methods. Alexander Felfernig has published numerous papers in renowned international conferences and journals (e.g., IJCAI, ECAI, ACM Recommender Systems, ACM Intelligent User Interfaces, AI Magazine, Artificial Intelligence, IEEE Transactions on Engineering Management, IEEE Intelligent Systems, Journal of Electronic Commerce) and is a co-author of the books on "Recommender Systems" published by Cambridge University Press and "Knowledge-based Configuration – From Research to Business Cases" published by Elsevier/Morgan Kaufmann. He also acted as an organizer of international conferences and workshops such as the ACM Conference on Recommender Systems, the International Symposium on Methodologies for Intelligent Systems, and the International Workshop on Configuration. He is a member of the Editorial Board of Applied Intelligence and the Journal of Intelligent Information Systems. He currently manages two Horizon2020 research projects in the area of recommender systems and one Bridge1 research project on the national level that deals with the development of group decision technologies for complex products and services.

## Anstellung

**Technische Universität Graz**  
Institut für Softwaretechnologie (7160)  
Technische Universität Graz (90000)  
Graz, Österreich  
1 Jan 2012 → present

## Veröffentlichungen

### **DirectDebug: A software package for the automated testing and debugging of feature models**

Le, V.-M., Felfernig, A., Tran, T. N. T., Atas, M., Uta, M., Benavides, D. & Galindo, J., Aug 2021, in : Software Impacts. 9, 100085.

### **Applying matrix factorization to consistency-based direct diagnosis**

Polat Erdeniz, S., Felfernig, A. & Atas, M., 14 Mai 2021, in : Applied Intelligence. 13 S.

### **DirectDebug: Automated Testing and Debugging of Feature Models**

Le, V.-M., Felfernig, A., Uta, M., Benavides, D., Galindo, J. & Tran, T. N. T., 7 Mai 2021, *2021 IEEE/ACM 43rd International Conference on Software Engineering: New Ideas and Emerging Results (ICSE-NIER)*. S. 81-85 5 S.

### **A Conversion of Feature Models into an Executable Representation in Microsoft Excel**

Le, V.-M., Tran, T. & Felfernig, A., 4 Feb 2021, *Intelligent Systems in Industrial Applications : International Symposium on Methodologies for Intelligent Systems (ISMIS 2020)*. Stettinger, M., Leitner, G., Felfernig, A. & Ras, Z. W. (Hrsg.). Springer, Cham, S. 153-168 16 S. (Studies in Computational Intelligence; Band 949).

### **A fully open-source approach to intelligent edge computing: Agile's lesson**

Vecchio, M., Azzoni, P., Menyctas, A., Maglogiannis, I. & Felfernig, A., 2 Feb 2021, in : Sensors . 21, 4, S. 1-14 14 S., 1309.

### **An Overview of Recommender Systems and Machine Learning in Feature Modeling and Configuration**

Felfernig, A., Le, V.-M., Popescu, A., Uta, M., Tran, T. & Atas, M., Feb 2021, *VaMoS'21: 15th International Working Conference on Variability Modelling of Software-Intensive Systems*. Grunbacher, P. (Hrsg.). New York, NY: Association of

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**Intelligent Systems in Industrial Applications: 25th International Symposium, ISMIS 2020, Graz, Austria, September 23--25, 2020, Proceedings**

Stettinger, M. (Hrsg.), Leitner, G. (Hrsg.), Felfernig, A. (Hrsg.) & Ras, Z. W. (Hrsg.), Feb 2021, 1 Aufl. Springer. 208 S. (Studies in Computational Intelligence)

**Recommender Systems Beyond E-Commerce: Presence and Future**

Felfernig, A., Tran, T. N. T. & Le, V-M., 2021, *Consumer Happiness: Multiple Perspectives*. 1 Aufl. Springer Singapore, S. 203-230 28 S. (Studies in Rhythm Engineering).

**Recommender systems in the healthcare domain: state-of-the-art and research issues**

Tran, T. N. T., Felfernig, A., Trattner, C. & Holzinger, A., 17 Dez 2020, in : *Journal of Intelligent Information Systems*. S. 1-31 32 S.

**Interfaces and Human Decision Making for Recommender Systems**

Brusilovsky, P., De Gemmis, M., Felfernig, A., Lops, P., O'Donovan, J., Semeraro, G. & Willemsen, M. C., 22 Sep 2020, *RecSys 2020 - 14th ACM Conference on Recommender Systems*. Association of Computing Machinery, S. 613-618 6 S. (RecSys 2020 - 14th ACM Conference on Recommender Systems).

**Supporting Feature Model-Based Configuration in Microsoft Excel**

Felfernig, A., Le, V. M. & Tran, T., 10 Sep 2020, S. 35-38. 4 S.

**Towards machine learning based configuration**

Uta, M. & Felfernig, A., Sep 2020, *22nd International Configuration Workshop: Proceedings*. Forza, C., Hvam, L. & Felfernig, A. (Hrsg.). Università degli Studi di Padova, S. 25-28 4 S.

**Intelligent recommendation and decision technologies for community-driven requirements engineering**

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**KNOWLEDGECHECKR: Intelligent Techniques for Counteracting Forgetting**

Stettinger, M., Tran, T., Pribik, I., Leitner, G., Felfernig, A., Samer, R., Atas, M. & Wundara, M., 24 Aug 2020, *ECAI 2020 - 24th European Conference on Artificial Intelligence, including 10th Conference on Prestigious Applications of Artificial Intelligence, PAIS 2020 - Proceedings*. De Giacomo, G., Catala, A., Dilkina, B., Milano, M., Barro, S., Bugarin, A. & Lang, J. (Hrsg.). IOS Press, S. 3034-3039 6 S. (Frontiers in Artificial Intelligence and Applications; Band 325).

**Group Recommender User Interfaces for Improving Requirements Prioritization**

Samer, R., Stettinger, M. & Felfernig, A., 7 Jul 2020, *UMAP 2020 - Proceedings of the 28th ACM Conference on User Modeling, Adaptation and Personalization*. Genoa, Italy: Association of Computing Machinery, S. 221-229 9 S. (UMAP 2020 - Proceedings of the 28th ACM Conference on User Modeling, Adaptation and Personalization).

**A laddering approach to explore the motivations of taking computer advice for supply networks formation**

Cisneros-Cabrera, S., Felfernig, A., Mehandjiev, N., Sampaio, P. & Kununka, S., 1 Jan 2020.

**A Parallelized Variant of Junker's QuickXPlain Algorithm**

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**Conmerge – arbitration of constraint-based knowledge bases**

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**Foundations of Intelligent Systems: 25th International Symposium, ISMIS 2020, Graz, Austria, September 23-25, 2020, Proceedings**

Helic, D. (Hrsg.), Leitner, G. (Hrsg.), Stettinger, M. (Hrsg.), Felfernig, A. (Hrsg.) & Ras, Z. W. (Hrsg.), 2020, Cham: Springer. (Lecture Notes in Computer Science ; Band 12117)

**Intelligent Recommendation & Decision Technologies for Community-Driven Requirements Engineering**

Samer, R., Stettinger, M., Felfernig, A., Franch, X. & Falkner, A., 2020, (Eingereicht) *24th European Conference on Artificial Intelligence (ECAI '20)*, 9 S.

**Recommender systems for IoT enabled quantified-self applications**

Polat Erdeniz, S., Menyctas, A., Maglogiannis, I., Felfernig, A. & Tran, T. N. T., 30 Okt 2019, in : *Evolving Systems*. 14 S.

**Recommender Systems for IoT Enabled Quantified-Self Applications**

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**User Interfaces for Counteracting Decision Manipulation in Group Recommender Systems**

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**An Overview of Recommender Systems in the Internet of Things**

Felfernig, A., Polat Erdeniz, S., Uran, C., Reiterer, S., Atas, M., Tran, T. N. T., Azzoni, P., Kiraly, C. & Dolui, K., 15 Apr 2019, in : *Journal of Intelligent Information Systems*. 52, S. 285-309 25 S.

**Consistency-based merging of variability models**

Uta, M., Felfernig, A., Schenner, G. & Spöcklberger, J., 1 Jan 2019, in : *CEUR Workshop Proceedings*. 2467

**Socio-technical design and value orientation**

Maalej, W. & Felfernig, A., 1 Jan 2019, *INFORMATIK 2019: 50 Jahre Gesellschaft für Informatik - Informatik für Gesellschaft Konferenzbeiträge der 49. Jahrestagung der Gesellschaft für Informatik*. David, K., Geihs, K., Lange, M. & Stumme, G. (Hrsg.). Gesellschaft für Informatik (GI), S. 33-34 2 S. (Lecture Notes in Informatics (LNI), Proceedings - Series of the Gesellschaft für Informatik (GI); Band 294).

**Decision Biases in Preference Acquisition**

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**Learned Constraint Ordering for Consistency Based Direct Diagnosis**

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**Matrix Factorization based Heuristics for Constraint-based Recommenders**

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**New Approaches to the Identification of Dependencies between Requirements**

Samer, R., Stettinger, M., Atas, M., Felfernig, A., Ruhe, G. & Deshpande, G., 2019, *2019 IEEE 31st International Conference on Tools with Artificial Intelligence (ICTAI)*. Institute of Electrical and Electronics Engineers, S. 1265-1270 6 S.

### **Novel Variable and Value Ordering Heuristics for Solving Precoloring Extension Problems**

Polat Erdeniz, S., Felfernig, A. & Atas, M., 2019, (Eingereicht) in : *Annals of Operations Research*. 16 S.

### **Socially-Aware Diagnosis for Constraint-Based Recommendation**

Atas, M., Samer, R., Felfernig, A., Tran, T., Polat Erdeniz, S. & Stettinger, M., 2019, *UMAP '19: Proceedings of the 27th ACM Conference on User Modeling, Adaptation and Personalization*. Association of Computing Machinery, S. 121-129 9 S.

### **Towards Issue Recommendation for Open Source Communities**

Samer, R., Felfernig, A. & Stettinger, M., 2019, *IEEE/WIC/ACM International Conference on Web Intelligence*. Thessaloniki, Greece: ACM/IEEE, S. 164-171 8 S. (WI '19).

### **Towards Similarity-Aware Constraint-Based Recommendation**

Atas, M., Tran, T. N. T., Felfernig, A., Polat Erdeniz, S., Samer, R. & Stettinger, M., 2019, *Advances and Trends in Artificial Intelligence: From Theory to Practice*. Cham: Springer, S. 287-299 13 S. (Lecture Notes in Computer Science; Band 11606).

### **Towards Social Choice-based Explanations in Group Recommender Systems**

Tran, T. N. T., Atas, M., Felfernig, A., Le, V. M., Samer, R. & Stettinger, M., 2019, *UMAP '19: Proceedings of the 27th ACM Conference on User Modeling, Adaptation and Personalization*. Larnaca, Cyprus: ACM/IEEE, S. 13-21 9 S.

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### **An Overview of Recommender Systems in the Healthy Food Domain**

Tran, T., Atas, M., Felfernig, A. & Stettinger, M., Jun 2018, in : *Journal of Intelligent Information Systems*. 50, S. 501-526 26 S.

### **Recommender Systems for IoT Enabled m-Health Applications**

Polat Erdeniz, S., Maglogiannis, I., Menychtas, A., Felfernig, A. & Tran, T. N. T., Mai 2018, *Artificial Intelligence Applications and Innovations: AIAI 2018*. Cham: Springer, S. 227-237 11 S. (IFIP Advances in Information and Communication Technology; Band 520).

### **OCSH: optimized cluster specific heuristics for the university course timetabling problem**

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### **Consistency Management Techniques for Variability Modelling**

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### **Anytime Diagnosis for Reconfiguration**

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### **Algorithms for Group Recommendation**

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### **Automated Identification of Type-Specific Dependencies between Requirements**

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### **Biases in Group Decisions**

Felfernig, A., Atas, M., Stettinger, M., Tran, T. N. T. & Leitner, G., 2018, *Group Recommender Systems: An Introduction*. Cham: Springer, S. 145-155 11 S. (SpringerBriefs in Electrical and Computer Engineering).

### **CLUSTER AND LEARN: Cluster-Specific Heuristics for Graph Coloring**

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### **Configuring Release Plans**

Felfernig, A., Spöcklberger, J., Samer, R., Stettinger, M., Atas, M., Tiihonen, J. & Raatikainen, M., 2018, *Proceedings of the 20th Configuration Workshop, Graz, Austria, September 27-28, 2018.* S. 9-14 6 S.

### **Cost Benefit Analysis in Product Configuration Systems (short paper)**

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### **Customizing events with EventHelpr**

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### **Decision Tasks and Basic Algorithms**

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### **Development of a Protocol for Automated Glucose Measurement Transmission Used in Clinical Decision Support Systems Based on the Continua Design Guidelines**

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### **Explanations for Groups**

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### **Further Choice Scenarios**

Felfernig, A., Atas, M., Samer, R., Stettinger, M., Tran, T. N. T. & Reiterer, S., 2018, *Group Recommender Systems: An Introduction*. Cham: Springer, S. 129-144 16 S. (SpringerBriefs in Electrical and Computer Engineering).

### **Generating Configuration Models from Requirements to Assist in Product Management - Dependency Engine and its Performance Assessment**

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### **Group Recommender Applications**

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### **Group Recommender Systems: An Introduction**

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### **Investigating Serial Position Effects in Sequential Group Decision Making**

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### **Lazy Conflict Detection with Genetic Algorithms**

Uran, C. & Felfernig, A., 2018, *Recent Trends and Future Technology in Applied Intelligence - 31st International Conference on Industrial Engineering and Other Applications of Applied Intelligent Systems, IEA/AIE 2018, Montreal, QC, Canada, June 25-28, 2018, Proceedings*. S. 175-186 12 S.

### **LearnDiag: A Direct Diagnosis Algorithm Based On Learned Heuristics**

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### **Liquid Democracy in Group-based Configuration.**

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### **Needs and challenges for a platform to support large-scale requirements engineering: a multiple-case study**

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### **Polarization Effects in Group Decisions**

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Felfernig, A. (Hrsg.), Tiihonen, J., Hotz, L. & Stettinger, M. (Hrsg.), 2018, CEUR-WS.org. (CEUR Workshop Proceedings)

### **Proceedings of the 5th Joint Workshop on Interfaces and Human Decision Making for Recommender Systems, IntRS 2018, co-located with ACM Conference on Recommender Systems (RecSys 2018), Vancouver, Canada, October 7, 2018**

Brusilovsky, P., Gemmis, M. D., Felfernig, A. (Hrsg.), Lops, P., O'Donovan, J., Semeraro, G. & Willemsen, M. C. (Hrsg.), 2018, CEUR-WS.org. (CEUR Workshop Proceedings)

### **Reconciling Practice and Rigour in Ontology-Based Heterogeneous Information Systems Construction**

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### **Recsys'18 joint workshop on interfaces and human decision making for recommender systems**

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### **Towards Knowledge Infrastructure for Highly Variant Voltage Transmission Systems**

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### **Towards Utility-Based Prioritization of Requirements in Open Source Environments**

Felfernig, A., Stettinger, M., Atas, M., Samer, R., Nerlich, J., Scholz, S., Tiihonen, J. & Raatikainen, M., 2018, *26th IEEE International Requirements Engineering Conference, RE 2018, Banff, AB, Canada, August 20-24, 2018*. S. 406-411 6 S.

### **Using a Feature Model Configurator for Release Planning**

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### **Automated Learning Content Generation from Knowledge Bases in the StudyBattles Environment**

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### **OpenReq: Recommender Systems in Requirements Engineering**

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### **ASP-based Knowledge Representations for IoT Configuration Scenarios**

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Brusilovsky, P., De Gemmis, M., Felfernig, A., Lops, P., O'Donovan, J., Tintarev, N. & Willemsen, M., 27 Aug 2017, *RecSys 2017 - Proceedings of the 11th ACM Conference on Recommender Systems*. Association of Computing Machinery, S. 384-385 2 S. (RecSys 2017 - Proceedings of the 11th ACM Conference on Recommender Systems).

### **Cluster-Specific Heuristics for Constraint Solving**

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### **Knowledge-based Learning Content Generation in the StudyBattles Environment**

Shehadeh, A., Felfernig, A., Jeran, M., Stettinger, M. & Reiterer, S., 15 Jul 2017, S. 1-12. 12 S.

### **An Analysis of Group Recommendation Heuristics for High-and Low-Involvement Items**

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### **An Introduction to Personalization and Mass Customization**

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### **Beyond item recommendation: Using recommendations to stimulate knowledge sharing in group decisions**

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### **Cluster-Based Constraint Ordering for Direct Diagnosis**

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Felfernig, A., Friedrich, G., Jannach, D., Stumptner, M. & Zanker, M., 2002, *Proceedings of the ECAI 2002 Workshop on Knowledge Transformations for the Semantic Web (KTSW2002)*. .. S. 11-18

### **UML as Knowledge Acquisition Frontend for Semantic Web Configuration Knowledge Bases**

Felfernig, A., Friedrich, G., Jannach, D. & Zanker, M., 2002, *Proceedings of the International Workshop on Rule Markup Languages for Business Rules on the Semantic Web*. .. S. 155-169

### **UML as Semantic Web Service Description Language**

Felfernig, A., Friedrich, G., Jannach, D. & Zanker, M., 2002, *Proceedings of the Workshop on Software Model Engineering*. .. S. 1-1

### **Web-based Commerce of Complex Products and Services with Multiple Suppliers**

Ardissono, L., Felfernig, A., Friedrich, G., Goy, A., Jannach, D., Schäfer, R. & Zanker, M., 2002, *E-Business Applications - Technologies for Tomorrow's Solutions*. Advanced Information Processing Aufl. Springer, S. 618-622

### **Web-based configuration of Virtual Private Networks with Multiple Suppliers**

Felfernig, A., Friedrich, G., Jannach, D. & Zanker, M., 2002, *Proceedings of the 7th International Conference on Artificial Intelligence in Design*. .. S. 41-62

### **Wissensbasierte Technologien für die virtuelle Beratung von Fondsprodukten**

Felfernig, A., Jannach, D., Russ, C. & Zanker, M., 2002, in : *Banking and Information Technology*. 3, 3, S. 46-52

### **Conceptual modeling for configuration of mass-customizable products**

Felfernig, A., Friedrich, G. & Jannach, D., 2001, in : *Artificial Intelligence in Engineering*. 15, 2, S. 165-176

### **Customer-Adaptive and Distributed Online Product Configuration in the CAWICOMS project**

Ardissono, L., Felfernig, A., Jannach, D., Friedrich, G., Schäfer, R. & Zanker, M., 2001, *Proceedings of the IJCAI 2001 Workshop on Configuration*. .. S. 8-14



### **Distributed Configuration as Distributed Dynamic Constraint Satisfaction**

Felfernig, A., Friedrich, G., Jannach, D. & Zanker, M., 2001, *Proceedings of the 14th International Conference on Industrial and Engineering Applications of Artificial Intelligence and Expert Systems (IEA/AIE 2001)*. Springer, S. 434-444

### **Distributed Configuring**

Felfernig, A., Friedrich, G., Jannach, D. & Zanker, M., 2001, *Proceedings of the IJCAI 2001 Workshop on Configuration*. ., S. 18-24

### **Hierarchical Diagnosis of large configurator knowledge bases**

Felfernig, A., Friedrich, G., Jannach, D., Stumptner, M. & Zanker, M., 2001, *Proceedings of the (24th/9th) German/Austrian Conference on Artificial Intelligence (KI2001)*. Springer, Band 2174. S. 185-197 (Lecture Notes in Computer Science).

### **Hierarchical Diagnosis of large configurator knowledge bases**

Felfernig, A., Friedrich, G., Jannach, D. & Stumptner, M., 2001, *Proceedings of the 12th International Workshop on Principles of Diagnosis*. ., S. 55-66

### **Improving the Configuration Knowledge Base Development Process**

Felfernig, A., 2001

### **Intelligent Interfaces for Distributed Web-based Product and Service Configuration**

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### **Intelligent support for interactive configuration of mass-customized products**

Felfernig, A., Friedrich, G., Jannach, D. & Zanker, M., 2001, *Proceedings of the 14th International Conference on Industrial and Engineering Applications of Artificial Intelligence and Expert Systems (IEA/AIE 2001)*. Springer, Band 2071. S. 746-756 (Springer Lecture Notes in Computer Science).

### **Multi-site product configuration of Telecommunication Switches**

Felfernig, A., Friedrich, G., Jannach, D., Russ, C. & Zanker, M., 2001, *Proceedings of 20th IASTED Conference on Applied Informatics*. ., S. 113-118

### **Personalized customer interaction for the configuration of products and services in a supply chain**

Schäfer, R., Schütz, W., Ceugniet, X., Mitchener, J., Ardissono, L., Goy, A., Zanker, M., Jannach, D., Felfernig, A., Simeoni, R. & Gavazzi, R., 2001, *E-work and E-commerce. Novel solutions and practices for a global networked economy*. 1 Aufl. ., S. 298-304

### **The CAWICOMS Project**

Ardissono, L., Felfernig, A., Friedrich, G., Jannach, D., Schäfer, R. & Zanker, M., 2001, *Arbeitskonferenz Elektronische Geschäftsprozesse, eBusiness Processes (EGP2001)*. Horrocks, I. & Hendler, J. (Hrsg.). it Verlag, S. 193-204

### **Towards Distributed Configuration**

Felfernig, A., Friedrich, G., Jannach, D. & Zanker, M., 2001, *Proceedings of the (24th/9th) German/Austrian Conference on Artificial Intelligence (KI2001)*. Springer, Band 2174. S. 198-212 (Springer Lecture Notes in Computer Science).

### **Web-based Commerce of Complex Products and Services with Multiple Suppliers**

Ardissono, L., Felfernig, A., Friedrich, G., Goy, A., Jannach, D., Schäfer, R. & Zanker, M., 2001, *Proceedings of Workshop: Planen und Konfigurieren (PuK)*. ., S. 1-8

### **A Framework for the Development of cooperative Configuration Agents**

Felfernig, A., Friedrich, G., Jannach, D. & Zanker, M., 2000, *Proceedings of the 13th International Conference on Industrial and Engineering Applications of Artificial Intelligence and Expert Systems (IEA/AIE 2000)*. Logananthara, R., Palm, G. & Ali, M. (Hrsg.). Springer, S. 24-33

**An Integrated Development Environment for the Design and Maintenance of Large Configuration Knowledge Bases**

Felfernig, A., Friedrich, G., Jannach, D. & Stumptner, M., 2000, *Artificial Intelligence in Design '00*. Dordrecht [u.a.]: Kluwer , S. 169-189

**Conceptual Design for configuration and reconfiguration of customizable products**

Felfernig, A., Friedrich, G. & Jannach, D., 2000, *Proceedings of the Workshop on Advances in Conceptual Modeling in Design (ACMD00)*. , S. 5-21

**Consistency-based diagnosis of configuration knowledge bases**

Felfernig, A., Friedrich, G., Jannach, D. & Stumptner, M., 2000, *Proceedings of the 14th European Conference on Artificial Intelligence (ECAI2000)*. IOS Press, S. 146-150

**Contextual Diagrams as structuring mechanisms for designing configuration knowledge bases in UML**

Felfernig, A., Jannach, D. & Zanker, M., 2000, *3rd International Conference on the Unified Modeling Language (UML2000)*. Evans, A., Kent, S. & Selic, B. (Hrsg.). , Band 1939. S. 240-254 (Springer Lecture Notes in Computer Science).

**Cooperative Configuration Agents supporting Supply Chain Integration of Configurable Products**

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**Cooperative Configuration Agents supporting Supply Chain Integration of Configurable Products**

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**Diagrammatic Acquisition of Functional Knowledge for Product Configuration Systems with the Unified Modeling Language**

Felfernig, A. & Zanker, M., 2000, *Theory and Application of Diagrams*. Anderson, M., Cheng, P. & Haarslev, V. (Hrsg.). Berlin [u.a.]: Springer, Band 1889. S. 361-375 (Springer Lecture Notes in Computer Science).

**Distributed configuration as distributed dynamic constraint satisfaction**

Felfernig, A., Friedrich, G., Jannach, D. & Zanker, M., 2000, *Proceedings of the ECAI 2000 Workshop on Configuration*. , S. 35-40

**Exploiting structural abstractions for consistency-based Diagnosis of Configurator Knowledge Bases**

Felfernig, A., Friedrich, G., Jannach, D. & Stumptner, M., 2000, *Proceedings of the ECAI 2000 Workshop on Configuration*. , S. 23-28

**Generating Product Configuration Knowledge Bases from Precise Domain Extended UML Models**

Felfernig, A., Friedrich, G. & Jannach, D., 2000, *Proceedings of the 12th International Conference on Software Engineering and Knowledge Engineering (SEKE00)*. , S. 284-293

**Integrating Knowledge-based Configuration Systems by Sharing Functional Architectures**

Felfernig, A., Friedrich, G., Jannach, D. & Zanker, M., 2000, *12th International conference on Knowledge Engineering and Knowledge Management (EKAW2000)*. Dieng, R. (Hrsg.). Berlin [u.a.]: Springer, Band 1937. S. 312-327 (Lecture notes in computer science).

**Integration of Distributed Constraint-based Configurators**

Felfernig, A., Friedrich, G., Jannach, D. & Zanker, M., 2000, *Proceedings of ECAI'2000 Workshop on Configuration*. , S. 29-34

**UML ad domain specific language for the construction of knowledge-based configuration systems**

Felfernig, A., Friedrich, G. & Jannach, D., 2000, in : *International Journal of Software Engineering and Knowledge Engineering* . 10, 4, S. 449-470

### **Consistency-based Diagnosis of Configuration Knowledge Bases**

Felfernig, A., Friedrich, G., Jannach, D. & Stumptner, M., 1999, *Proceedings of the AAAI'99 Workshop on Configuration.* .. S. 41-47

### **Intelligente Produktkonfiguratoren als Voraussetzung für maßgeschneiderte Massenprodukte**

Felfernig, A., Friedrich, G. & Jannach, D., 1999, in : e&i - Elektrotechnik und Informationstechnik. 116, 3, S. 201-207

### **Knowledge Acquisition for Configuration Systems: UML as a link between AI and Software Engineering**

Felfernig, A., Friedrich, G. & Jannach, D., 1999, *Proceedings of the 13th Workshop Planen und Konfigurieren (PuK).* .. S. 72-81

### **Knowledge base construction for configuration systems using executable standard design descriptions**

Felfernig, A., 1999, *Proceedings of World Manufacturing Congress.* .. S. 274-281

### **Knowledge Base Construction for Product configuration Systems using Executable standard Design Descriptions**

Felfernig, A., Friedrich, G., Jannach, D. & Zanker, M., 1999, *Proceedings of the 2nd World Manufacturing Congress.* .. S. 274-281

### **UML as a link between AI and Software Engineering**

Felfernig, A., Friedrich, G. & Jannach, D., 1999, *Proceedings of the Workshop Planen und Konfigurieren.* .. S. 72-81

### **UML as domain specific language for the construction and maintenance of simulation models**

Felfernig, A. & Erkollar, A., 1999, *Proceedings of the 11th European Simulation Symposium 1999.* .. S. 31-35

### **UML as domain specific language for the construction of knowledge-based configuration systems**

Felfernig, A., Friedrich, G. & Jannach, D., 1999, *Proceedings of the 11th International Conference on Software Engineering and Knowledge Engineering (SEKE99).* .. S. 337-345

### **UML as domain-oriented language for the construction of complex knowledge-based configuration systems**

Felfernig, A., 1999, *1999 Workshop on Domain-oriented Software Development (DosD).* .. S. 1-8

### **Using UML as domain specific modelling language for the construction and maintenance of simulation models in the area of circuit board production**

Felfernig, A. & Erkollar, A., 1999, *Proceedings of Informs 1999.* .. S. 4-9

### **Workshop on Configuration**

Faltings, B. (Hrsg.), Felfernig, A. (Hrsg.) & Friedrich, G. (Hrsg.), 1999, .

### **Simulationstechnische Unterstützung der Diversifikationssteuerung einer Prozessfertigung am Beispiel Philips Leiterplatten Austria (PLA)**

Felfernig, A., 1997

## **Aktivitäten**

### **RS-SNA – International Workshop on Recommender Systems and Social Network Analysis**

Alexander Felfernig (Organisator/-in), Denis Helic (Organisator/-in), Elisabeth Lex (Organisator/-in), Stefan Reiterer (Organisator/-in), Dominik Kowald (Organisator/-in), Emanuel Lacic (Organisator/-in), Christoph Trattner (Organisator/-in) & Christian Gütl (Organisator/-in)

17 Okt 2017

### **20th International Workshop on Configuration**

Alexander Felfernig (Organisator/-in)

1 Okt 2017 → 1 Okt 2018

**11th ACM Conference on Recommender Systems (Ereignis)**

Alexander Felfernig (Mitglied)

1 Jan 2017 → 31 Dez 2017

**12th International Conference on Persuasive Technology (Veranstaltung)**

Alexander Felfernig (Mitglied)

1 Jan 2017 → 31 Dez 2017

**18th International Conference on Web Information Systems Engineering (Ereignis)**

Alexander Felfernig (Mitglied)

1 Jan 2017 → 31 Dez 2017

**19th Configuration Workshop (Veranstaltung)**

Alexander Felfernig (Mitglied)

1 Jan 2017 → 31 Dez 2017

**2017 International Systems and Software Product Line Conference (Ereignis)**

Alexander Felfernig (Mitglied)

1 Jan 2017 → 31 Dez 2017

**2017 Workshop on Artificial Intelligence and Constraint Programming (Ereignis)**

Alexander Felfernig (Mitglied)

1 Jan 2017 → 31 Dez 2017

**2nd Workshop on Semantics-Enabled Recommender Systems (Ereignis)**

Alexander Felfernig (Mitglied)

1 Jan 2017 → 31 Dez 2017

**2nd Workshop on Surprise, Opposition, and Obstruction in Adaptive and Personalized Systems (Ereignis)**

Alexander Felfernig (Mitglied)

1 Jan 2017 → 31 Dez 2017

**A Generic Framework for Improving Software Product Line using an Ontological Rule-Based Approach**

Alexander Felfernig (Ausführende/r)

1 Jan 2017 → 31 Dez 2017

**ACM Hypertext 2017, Track Chair on Adaptive Hypertext and Recommendations**

Alexander Felfernig (Organisator/-in)

1 Jan 2017 → 31 Dez 2017

**Applied Intelligence (Fachzeitschrift)**

Alexander Felfernig (Peer reviewer)

1 Jan 2017 → 31 Dez 2017

**Applied Intelligence (Zeitschrift)**

Alexander Felfernig (Mitglied des Herausbergremiums)

1 Jan 2017 → 31 Dez 2017

**Communications of the ACM (Fachzeitschrift)**

Alexander Felfernig (Peer reviewer)

1 Jan 2017 → 31 Dez 2017

**Context-Based Integrated Development Environment Command Recommendations**

Alexander Felfernig (Ausführende/r)

1 Jan 2017 → 31 Dez 2018

**Journal of intelligent information systems (Zeitschrift)**

Alexander Felfernig (Mitglied des Herausgebergremiums)

1 Jan 2017 → 31 Dez 2017

**Journal of Intelligent Information Systems (Zeitschrift)**

Alexander Felfernig (Peer reviewer)

1 Jan 2017 → 31 Dez 2017

**RecSys'17 Workshop on Interfaces and Human Decision Making for Recommender Systems**

Alexander Felfernig (Organisator/-in)

1 Jan 2017 → 31 Dez 2017

**Second Workshop on Health Recommender Systems (Ereignis)**

Alexander Felfernig (Mitglied)

1 Jan 2017 → 31 Dez 2017

**Application of Constraint-based Technologies in Financial Services Recommendation**

Alexander Felfernig (Redner/in)

16 Jun 2016

**26th International World Wide Web Conference (Ereignis)**

Alexander Felfernig (Mitglied)

15 Jun 2016 → 30 Apr 2017

**13th International Conference on Web Information Systems (Ereignis)**

Alexander Felfernig (Mitglied)

1 Mär 2016 → 31 Dez 2017

**1st Workshop on Surprise, Opposition, and Obstruction in Adaptive and Personalized Systems (Ereignis)**

Alexander Felfernig (Mitglied)

19 Feb 2016 → 31 Aug 2016

**18th International Configuration Workshop (Ereignis)**

Alexander Felfernig (Mitglied)

6 Jan 2016 → 30 Sep 2016

**11th International Conference on Persuasive Technology (Veranstaltung)**

Alexander Felfernig (Mitglied)

1 Jan 2016 → 31 Dez 2016

**22nd ACM SIGKDD Conference on Knowledge Discovery and Data Mining (Ereignis)**

Alexander Felfernig (Mitglied)

1 Jan 2016 → 31 Dez 2016

**24th ACM International Conference on User Modeling, Adaptation, and Personalization (Veranstaltung)**

Alexander Felfernig (Mitglied)

1 Jan 2016 → 31 Dez 2016

**2nd International Conference on Pattern Analysis and Intelligent Systems (Veranstaltung)**

Alexander Felfernig (Mitglied)

1 Jan 2016 → 31 Dez 2016

**7th International Conference on Design Computing and Cognition (Ereignis)**

Alexander Felfernig (Mitglied)

1 Jan 2016 → 31 Dez 2016

**ACM Transactions on Cyber-Physical Systems (Fachzeitschrift)**

Alexander Felfernig (Peer reviewer)

1 Jan 2016 → 31 Dez 2016

**ACM Transactions on Interactive Intelligent Systems (Fachzeitschrift)**

Alexander Felfernig (Gastherausgeber)

1 Jan 2016 → 31 Dez 2016

**Applied Intelligence (Zeitschrift)**

Alexander Felfernig (Mitglied des Herausgebergremiums)

1 Jan 2016 → 31 Dez 2016

**Area Chair Recommender Systems UMAP 2016**

Alexander Felfernig (Organisator/-in)

1 Jan 2016 → 31 Dez 2016

**Area Chair Recommender Systems UMAP 2016 (Veranstaltung)**

Alexander Felfernig (Vorsitzende/r)

1 Jan 2016 → 31 Dez 2016

**Evolution, testing and configuration of variability intensive systems**

Alexander Felfernig (Ausführende/r)

1 Jan 2016 → 31 Dez 2016

**IntRS 2016**

Alexander Felfernig (Organisator/-in)

1 Jan 2016 → 31 Dez 2016

**Journal of intelligent information systems (Zeitschrift)**

Alexander Felfernig (Mitglied des Herausgebergremiums)

1 Jan 2016 → 31 Dez 2016

**17th International Conference on Electronic Commerce and Web Technologies (Ereignis)**

Alexander Felfernig (Mitglied)

22 Dez 2015 → 30 Sep 2016

**9th ACM Conference on Recommender Systems (Veranstaltung)**

Alexander Felfernig (Mitglied)

22 Dez 2015 → 30 Sep 2016

**Area Chair Recommender Systems UMAP 2016 (Veranstaltung)**

Alexander Felfernig (Mitglied)

10 Dez 2015 → 31 Jul 2016

**22nd European Conference on Artificial Intelligence, 29 August - 2 September 2016, The Hague, The Netherlands - Including Prestigious Applications of Artificial Intelligence (PAIS 2016) (Ereignis)**

Alexander Felfernig (Mitglied)

9 Dez 2015 → 31 Aug 2016

**10th International Conference on Persuasive Technology (Ereignis)**

Alexander Felfernig (Mitglied)  
27 Nov 2015 → 31 Dez 2016

**2nd International Workshop on Personalization and Recommender Systems in Financial Services (Ereignis)**

Alexander Felfernig (Mitglied)  
11 Nov 2015 → 16 Jun 2016

**22nd ACM SIGKDD Conference on Knowledge Discovery and Data Mining (Ereignis)**

Alexander Felfernig (Mitglied)  
10 Nov 2015 → 17 Aug 2016

**PhD Commission, Eindhoven University of Technology (Niederlande) (Externe Organisation)**

Alexander Felfernig (Mitglied)  
1 Okt 2015 → 14 Dez 2015

**World Wide Web Conference 2016 (Ereignis)**

Alexander Felfernig (Mitglied)  
7 Aug 2015 → 11 Apr 2016

**16th International Conference on Electronic Commerce and Web Technologies (Ereignis)**

Alexander Felfernig (Mitglied)  
16 Jun 2015 → 30 Sep 2015

**6th International Workshop on Social Recommender Systems (Ereignis)**

Alexander Felfernig (Mitglied)  
5 Mai 2015 → 10 Aug 2015

**FinRec'15 Workshop**

Alexander Felfernig (Redner/in)  
16 Apr 2015

**International Workshop on Deep Content Analytics Techniques for Personalized and Intelligent Services (Ereignis)**

Alexander Felfernig (Mitglied)  
12 Feb 2015 → 31 Aug 2015

**IJCAI 2015, Workshop on Intelligent Personalization (Ereignis)**

Alexander Felfernig (Mitglied)  
29 Jan 2015 → 30 Sep 2015

**Institut für Softwaretechnologie (7160) (Organisation)**

Alexander Felfernig (Mitglied)  
27 Jan 2015 → 30 Sep 2015

**Vamos 2015 Workshop**

Alexander Felfernig (Redner/in)  
21 Jan 2015 → 23 Jan 2015

**Vamos 2015 Workshop**

Alexander Felfernig (Redner/in)  
21 Jan 2015 → 23 Jan 2015

**10th International Conference on Persuasive Technology (Ereignis)**

Alexander Felfernig (Mitglied)

1 Jan 2015 → 31 Dez 2015

**Applied Intelligence (Zeitschrift)**

Alexander Felfernig (Mitglied des Herausgebergremiums)

1 Jan 2015 → 31 Dez 2015

**Modeling user preferences in multi media recommender systems**

Alexander Felfernig (Ausführende/r)

1 Jan 2015 → 31 Dez 2015

**9th ACM Conference on Recommender Systems (Ereignis)**

Alexander Felfernig (Mitglied)

3 Nov 2014 → 8 Jul 2015

**Institut für Softwaretechnologie (7160) (Organisation)**

Alexander Felfernig (Mitglied)

3 Nov 2014 → 15 Aug 2015

**ACM RecSys 2014 (Vereinigte Staaten (USA))**

Alexander Felfernig (Gast)

6 Okt 2014 → 10 Okt 2014

**ACM RecSys'2014 CrowdRec Workshop**

Alexander Felfernig (Redner/in)

6 Okt 2014

**Workshop on Configuration 2014**

Alexander Felfernig (Keynote speaker)

26 Sep 2014

**Workshop on Configuration**

Alexander Felfernig (Organisator/-in)

25 Sep 2014 → 26 Sep 2014

**9th International Conference on Persuasive Technology (Veranstaltung)**

Alexander Felfernig (Mitglied)

20 Sep 2014 → 5 Jun 2015

**International Workshop on Decision Making and Recommender Systems 2014**

Alexander Felfernig (Redner/in)

18 Sep 2014 → 19 Sep 2014

**LVIS Workshop**

Alexander Felfernig (Redner/in)

16 Sep 2014

**DX 2014**

Alexander Felfernig (Redner/in)

9 Sep 2014



**28th International Conference on Industrial, Engineering & Other Applications of Applied Intelligent Systems (Ereignis)**

Alexander Felfernig (Mitglied)

29 Aug 2014 → 12 Jun 2015

**ECAI/PAIS 2014**

Alexander Felfernig (Keynote speaker)

20 Aug 2014

**ACM RecSys'14 IntRS Workshop (Ereignis)**

Alexander Felfernig (Mitglied)

1 Jun 2014 → 31 Okt 2014

**ACM RecSys'14 IntRS Workshop (Ereignis)**

Alexander Felfernig (Mitglied)

7 Mai 2014 → 31 Okt 2014

**1st International Workshop on Social Personalization (Ereignis)**

Alexander Felfernig (Mitglied)

30 Mär 2014 → 30 Jun 2014

**12th Workshop on Intelligent Techniques for Web Personalization & Recommendation (Ereignis)**

Alexander Felfernig (Mitglied)

1 Mär 2014 → 31 Dez 2014

**25th International Workshop on Principles of Diagnosis (Ereignis)**

Alexander Felfernig (Mitglied)

1 Mär 2014 → 30 Sep 2014

**Knowledge and Information Systems (Fachzeitschrift)**

Alexander Felfernig (Peer reviewer)

6 Feb 2014 → 6 Mär 2014

**ECAI 2014 (Veranstaltung)**

Alexander Felfernig (Mitglied)

29 Jan 2014 → 22 Aug 2014

**1st ACM CHI Conference on Human Factors in Computing Systems (Veranstaltung)**

Alexander Felfernig (Peer reviewer)

19 Jan 2014

**6th International Conference on Design Computing and Cognition (Ereignis)**

Alexander Felfernig (Mitglied)

10 Jan 2014 → 31 Dez 2014

**ACM Conference on Recommender Systems (Veranstaltung)**

Alexander Felfernig (Vorsitzende/r)

9 Jan 2014 → 10 Okt 2014

**ACM Conference on Recommender Systems (Veranstaltung)**

Alexander Felfernig (Mitglied)

9 Jan 2014 → 10 Okt 2014

**The 27th International Conference on Industrial, Engineering & Other Applications of Applied Intelligent Systems (IEA-AIE 2014) (Ereignis)**

Alexander Felfernig (Mitglied)

9 Jan 2014 → 6 Jun 2014

**12th Annual Industrial Simulation Conference (Veranstaltung)**

Alexander Felfernig (Mitglied)

1 Jan 2014 → 13 Jun 2014

**Applied Intelligence (Zeitschrift)**

Alexander Felfernig (Mitglied des Herausgebergremiums)

1 Jan 2014 → 31 Dez 2014

**Institut für Softwaretechnologie (7160) (Organisation)**

Alexander Felfernig (Vorsitzende/r)

1 Jan 2014 → 30 Sep 2014

**International Workshop on Configuration**

Alexander Felfernig (Organisator/-in)

1 Jan 2014 → 26 Sep 2014

**Journal of intelligent information systems (Zeitschrift)**

Alexander Felfernig (Mitglied des Herausgebergremiums)

1 Jan 2014 → 31 Dez 2014

**1st ACM CHI Conference on Human Factors in Computing Systems (Veranstaltung)**

Alexander Felfernig (Peer reviewer)

2014

**4th International Workshop on Recommendation Systems for Software Engineering (Ereignis)**

Alexander Felfernig (Mitglied)

26 Nov 2013 → 30 Jun 2014

**Review (PC Member) 5th International Workshop on Social Recommender Systems (SRS 2014), Seoul, Korea, Institute for Softwaretechnology (Österreich) (Externe Organisation)**

Alexander Felfernig (Mitglied)

24 Nov 2013 → 8 Apr 2014

**ACM Recommender Systems 2014 (Tutorial Chair), University of California**

Alexander Felfernig (Organisator/-in)

20 Nov 2013 → 10 Okt 2014

**Institut für Softwaretechnologie (7160) (Organisation)**

Alexander Felfernig (Mitglied)

20 Nov 2013 → 30 Nov 2013

**International Workshop on Configuration**

Alexander Felfernig (Organisator/-in)

11 Nov 2013 → 26 Sep 2014

**Workshop on Human Decision Making and Recommender Systems**

Alexander Felfernig (Organisator/-in)

12 Okt 2013

**2013 Workshop on Recommender Systems**

Alexander Felfernig (Redner/in)

29 Aug 2013

**Workshop on Configuration**

Alexander Felfernig (Redner/in)  
29 Aug 2013

**9th International Conference on Persuasive Technology (Veranstaltung)**

Alexander Felfernig (Mitglied)  
1 Jan 2013 → 31 Dez 2014

**ACM Transactions on Interactive Intelligent Systems (Zeitschrift)**

Alexander Felfernig (Herausgeber/in)  
1 Jan 2013 → 31 Dez 2013

**20th International Symposium on Methodologies for Intelligent Systems (ISMIS 2012), University of Macau**

Alexander Felfernig (Organisator/-in)  
4 Dez 2012 → 7 Dez 2012

**Web Intelligence 2012**

Alexander Felfernig (Redner/in)  
4 Dez 2012 → 7 Dez 2012

**International Symposium on Methodologies for Intelligent Systems**

Alexander Felfernig (Organisator/-in)  
1 Nov 2012 → 31 Dez 2012

**Informatik Kolloquium**

Alexander Felfernig (Redner/in)  
29 Okt 2012

**Dublin, Irland (ACM Recommender Systems 2012) (Israel)**

Alexander Felfernig (Gast)  
9 Sep 2012 → 13 Sep 2012

**Deutschsprachige MC-Tagung**

Alexander Felfernig (Redner/in)  
28 Jun 2012 → 29 Jun 2012

**WSOP Seminar zum Thema Requirements Engineering**

Alexander Felfernig (Redner/in)  
12 Apr 2012

**IST Seminar**

Alexander Felfernig (Redner/in)  
13 Feb 2012

**AI Communications (Fachzeitschrift)**

Alexander Felfernig (Peer reviewer)  
1 Jan 2012 → 31 Dez 2012

**5th International Conference on Design Computing and Cognition (Veranstaltung)**

Alexander Felfernig (Mitglied)  
1 Dez 2011 → 31 Okt 2012

**6th ACM Conference on Recommender Systems**

Alexander Felfernig (Organisator/-in)

1 Dez 2011 → 31 Okt 2012

**ICSE 2012 Workshop on Recommender Systems for Software Engineering (RSSE 2012) (Veranstaltung)**

Alexander Felfernig (Mitglied)

1 Dez 2011 → 1 Okt 2012

**PC Member; User Modeling, Adaptation, and Personalization (UMAP 2012), 2012, University of Aberdeen (Vereinigtes Königreich) (Externe Organisation)**

Alexander Felfernig (Mitglied)

1 Dez 2011 → 31 Jul 2012

**International Workshop on Human Decision Making in Recommender Systems (Decisions@RecSys'2011); Link: <http://recex.ist.tugraz.at/RecSysWorkshop>, ACM**

Alexander Felfernig (Organisator/-in) & Monika Mandl (Organisator/-in)

27 Okt 2011

**RecSys'11 Workshop on Human Decision Making in Recommender Systems**

Alexander Felfernig (Redner/in)

27 Okt 2011

**RecSys'11 Workshop on Human Decision Making in Recommender Systems**

Alexander Felfernig (Redner/in)

27 Okt 2011

**RecSys'11 Workshop on Human Decision Making in Recommender Systems**

Alexander Felfernig (Redner/in)

27 Okt 2011

**Chicago (ACM Recommender Systems 2011) (Vereinigte Staaten (USA))**

Alexander Felfernig (Gast)

23 Okt 2011 → 27 Okt 2011

**Chicago (Vereinigte Staaten (USA))**

Alexander Felfernig (Gast)

19 Okt 2011 → 28 Okt 2011

**DX 2011**

Alexander Felfernig (Keynote speaker)

4 Okt 2011 → 7 Okt 2011

**8th International Conference on Web Information Systems (Veranstaltung)**

Alexander Felfernig (Mitglied)

1 Okt 2011 → 30 Apr 2012

**SIEMENS Configuration Symposium**

Alexander Felfernig (Redner/in)

22 Sep 2011

**SPLC 2011**

Alexander Felfernig (Redner/in)

26 Aug 2011

**A Framework for Constraint-Programming based Configuration**

Alexander Felfernig (Ausführende/r)  
15 Jun 2011 → 31 Okt 2011

**Kolloquium der TU Graz**

Alexander Felfernig (Redner/in)  
12 Apr 2011

**Faculty Colloquium**

Alexander Felfernig (Redner/in)  
13 Jan 2011

**5th ACM Conference on Recommender Systems (Veranstaltung)**

Alexander Felfernig (Mitglied)  
1 Jan 2011 → 31 Okt 2011

**7th International Conference on Active Media Technology (Veranstaltung)**

Alexander Felfernig (Mitglied)  
1 Jan 2011 → 31 Dez 2011

**International Journal on Electronic Commerce (Zeitschrift)**

Alexander Felfernig (Peer reviewer)  
1 Jan 2011 → 31 Dez 2011

**PC Member, 4th Intl. Workshop on Managing Requirements Knowledge, Trento, Italy, 2011, RE 2011 (Italien) (Externe Organisation)**

Alexander Felfernig (Mitglied)  
1 Jan 2011 → 31 Dez 2011

**PC Member; Electronic Commerce and Web Technologies, EC-Web, 2011, Toulouse (Frankreich) (Externe Organisation)**

Alexander Felfernig (Mitglied)  
1 Jan 2011 → 31 Okt 2011

**Reviewer, Editor: AI MAGAZINE 2011, AAAI (Vereinigte Staaten (USA)) (Externe Organisation)**

Alexander Felfernig (Mitglied)  
1 Jan 2011 → 31 Aug 2011

**User modeling and user-adapted interaction (Zeitschrift)**

Alexander Felfernig (Herausgeber/in)  
1 Jan 2011 → 31 Dez 2011

**Contributions to the Design, Implementation and Evaluation of Adaptive Learning Management Systems based on standards, which integrate Instructional Design with User Modelling based on Machine Learning**

Alexander Felfernig (Ausführende/r)  
12 Dez 2010

**AI magazine (Zeitschrift)**

Alexander Felfernig (Herausgeber/in)  
15 Nov 2010 → 30 Jun 2011

**Guest Editor AI Magazine, TU Graz (Österreich) (Externe Organisation)**

Alexander Felfernig (Vorsitzende/r)  
1 Nov 2010 → 31 Dez 2011

**DX 2010**

Alexander Felfernig (Redner/in)  
13 Okt 2010 → 16 Okt 2010

**IEEE Requirements Engineering Conference 2010, 3rd International Workshop on Managing Requirements Knowledge, TU Graz**

Alexander Felfernig (Organisator/-in)  
27 Sep 2010

**Barcelona (ACM Recommender Systems 2010) (Spanien)**

Alexander Felfernig (Gast)  
26 Sep 2010 → 30 Sep 2010

**ECAI 2010**

Alexander Felfernig (Organisator/-in)  
16 Aug 2010

**ECAI 2010 Workshop on Configuration**

Alexander Felfernig (Redner/in)  
16 Aug 2010 → 20 Aug 2010

**ECAI 2010 Workshop on Intelligent Engineering Techniques for Knowledge Bases**

Alexander Felfernig (Redner/in)  
16 Aug 2010

**Guest Editor UMUI (User Modeling and User-Adapted Interaction), TU Graz (Österreich) (Externe Organisation)**

Alexander Felfernig (Vorsitzende/r)  
1 Aug 2010 → 15 Mai 2011

**Recommendation Beyond Rationality**

Alexander Felfernig (Ausführende/r)  
5 Jul 2010

**Knowledge Representation and Reasoning for a Model-Based Approach to Higher Level Information Fusion**

Alexander Felfernig (Ausführende/r)  
1 Jul 2010

**Guest Editor AI Communications, TU Graz (Österreich) (Externe Organisation)**

Alexander Felfernig (Vorsitzende/r)  
1 Mai 2010 → 30 Apr 2011

**AI communications (Zeitschrift)**

Alexander Felfernig (Herausgeber/in)  
26 Feb 2010 → 30 Mai 2011

**4th ACM Conference on Recommender Systems (Veranstaltung)**

Alexander Felfernig (Mitglied)  
1 Jan 2010 → 31 Mär 2010

**Active Media Technology, 6th International Conference (Veranstaltung)**

Alexander Felfernig (Mitglied)  
1 Jan 2010 → 31 Mär 2010

**IEEE Requirements Engineering Conference 2010, 3rd International Workshop on Managing Requirements Knowledge, TU Graz (Veranstaltung)**

Alexander Felfernig (Vorsitzende/r)  
1 Jan 2010 → 16 Sep 2010

**International Journal of Electronic Commerce (Zeitschrift)**  
Alexander Felfernig (Peer reviewer)  
1 Jan 2010 → 31 Dez 2010

**International journal of human-computer studies (Zeitschrift)**  
Alexander Felfernig (Mitglied des Gutachtergremiums)  
1 Jan 2010 → 31 Dez 2010

**Multimedia Systems (Zeitschrift)**  
Alexander Felfernig (Peer reviewer)  
1 Jan 2010 → 31 Dez 2010

**Program Committee AAAI 2010, TU Graz (Österreich) (Externe Organisation)**  
Alexander Felfernig (Mitglied)  
1 Jan 2010 → 15 Mär 2010

**Program Committee EC-Web 2010, TU Graz (Österreich) (Externe Organisation)**  
Alexander Felfernig (Mitglied)  
1 Jan 2010 → 30 Mär 2010

**Reviewer: Experimental and Theoretical Artificial Intelligence, TU Graz (Österreich) (Externe Organisation)**  
Alexander Felfernig (Mitglied)  
1 Jan 2010 → 31 Dez 2010

**Reviewer: IEEE Pervasive Computing, TU Graz (Österreich) (Externe Organisation)**  
Alexander Felfernig (Mitglied)  
1 Jan 2010 → 31 Dez 2010

**Reviewer: Journal of Web Engineering, TU Graz (Österreich) (Zeitschrift)**  
Alexander Felfernig (Mitglied des Herausgebergremiums)  
1 Jan 2010 → 31 Dez 2010

**Reviewer: Knowledge Based Systems, TU Graz (Österreich) (Externe Organisation)**  
Alexander Felfernig (Mitglied)  
1 Jan 2010 → 31 Dez 2010

**Kolloquium University of Bolzano**  
Alexander Felfernig (Redner/in)  
27 Nov 2009

**IST Seminar Series**  
Alexander Felfernig (Redner/in)  
25 Nov 2009

**3rd ACM Conference on Recommender Systems**  
Alexander Felfernig (Organisator/-in)  
22 Okt 2009 → 25 Okt 2009

**New York (ACM Recommender Systems 2009) (Vereinigte Staaten (USA))**  
Alexander Felfernig (Gast)  
21 Okt 2009 → 26 Okt 2009

**Navigation Support for Learners in Informal Learning Networks**

Alexander Felfernig (Ausführende/r)  
16 Okt 2009

**21st International Joint Conference on Artificial Intelligence**

Alexander Felfernig (Redner/in)  
14 Jul 2009

**Artificial intelligence for engineering design, analysis and manufacturing (Zeitschrift)**

Alexander Felfernig (Herausgeber/in)  
1 Mär 2009 → 31 Dez 2010

**Consistency Management in Constraint-based Systems**

Alexander Felfernig (Ausführende/r)  
1 Mär 2009 → 30 Nov 2011

**International journal of mass customisation (Zeitschrift)**

Alexander Felfernig (Herausgeber/in)  
1 Nov 2008 → 31 Okt 2009

**ACM International Conference on Recommender Systems 2008: Doctorial Symposium Co-Chair, Universität Klagenfurt, Institut für Wirtschaftsinformatik und Anwendungssysteme**

Alexander Felfernig (Organisator/-in)  
26 Okt 2008

**ACM International Conference on Electronic Commerce**

Alexander Felfernig (Redner/in)  
20 Aug 2008

**A Conceptual Modelling Approach to Software Variability**

Alexander Felfernig (Ausführende/r)  
1 Aug 2008

**ECAI 2008**

Alexander Felfernig (Organisator/-in)  
21 Jul 2008 → 22 Jul 2008

**ECAI 2008**

Alexander Felfernig (Organisator/-in)  
19 Jul 2008 → 20 Jul 2008

**Recommender Systems for Marketing and Sales: Technologies and Future Research Issues**

Alexander Felfernig (Redner/in)  
17 Jul 2008

**3rd International Conference on Persuasive Technologies**

Alexander Felfernig (Redner/in)  
4 Jun 2008

**Recommender Systems (invited talk)**

Alexander Felfernig (Redner/in)  
12 Feb 2008



**International Conference on Intelligent User Interfaces 2008 (IUI)**

Alexander Felfernig (Redner/in)  
4 Feb 2008

**Aktuelle Themen des E-Commerce (invited talk)**

Alexander Felfernig (Redner/in)  
21 Jan 2008

**Canary Islands (ACM IUI 2008) (Österreich)**

Alexander Felfernig (Gast)  
13 Jan 2008 → 16 Jan 2008

**Automated Repair of Utility Constraint Sets**

Alexander Felfernig (Ausführende/r)  
1 Jan 2008 → 30 Apr 2010

**Towards a Discipline of Empirical Knowledge Engineering**

Alexander Felfernig (Ausführende/r)  
1 Jan 2008 → 30 Okt 2009

**Knowledge-based Recommender Technologies**

Alexander Felfernig (Redner/in)  
12 Dez 2007

**Persuasive Technologies Meeting, Universität Klagenfurt, Institut für Wirtschaftsinformatik und Anwendungssysteme**

Alexander Felfernig (Organisator/-in)  
9 Nov 2007

**ACM International Conference on Recommender Systems: contact Europe, Universität Klagenfurt, Institut für Wirtschaftsinformatik und Anwendungssysteme**

Alexander Felfernig (Organisator/-in)  
19 Okt 2007 → 20 Okt 2007

**AAAI/IAAI 2007**

Alexander Felfernig (Redner/in)  
24 Jul 2007

**Vancouver (Kanada)**

Alexander Felfernig (Gast)  
22 Jul 2007 → 26 Jul 2007

**Kolloquium at Klagenfurt University**

Alexander Felfernig (Redner/in)  
14 Mär 2007

**IEEE Intelligent Systems (Zeitschrift)**

Alexander Felfernig (Herausgeber/in)  
1 Jan 2007 → 31 Dez 2007

**Knowledge-based Recommender Technologies and Recommender User Interfaces**

Alexander Felfernig (Redner/in)  
13 Sep 2006

**ECAI 2006 Workshop on Configuration**

Alexander Felfernig (Redner/in)

31 Aug 2006

**European Conference on Artificial Intelligence**

Alexander Felfernig (Redner/in)

31 Aug 2006

**ECAI 2006**

Alexander Felfernig (Organisator/-in)

22 Aug 2006 → 23 Aug 2006

**IEEE International Conference on Electronic Commerce (CEC'06)**

Alexander Felfernig (Redner/in)

29 Jun 2006

**International Mass Customization Meeting**

Alexander Felfernig (Redner/in)

22 Jun 2006

**Visualization Interface for Financial Service Recommender Applications**

Alexander Felfernig (Ausführende/r)

31 Mär 2006 → 20 Apr 2007

**GfKI 2006**

Alexander Felfernig (Redner/in)

9 Mär 2006

**IUI 2006**

Alexander Felfernig (Redner/in)

2 Feb 2006

**Sydney (Australien)**

Alexander Felfernig (Gast)

28 Jan 2006 → 2 Feb 2011

**1st International Workshop on Web Personalization, Recommender Systems and Intelligent User Interfaces (WPRSIUI 2005)**

Alexander Felfernig (Redner/in)

4 Okt 2005

**Edinburgh (Vereinigtes Königreich)**

Alexander Felfernig (Gast)

30 Jul 2005 → 5 Aug 2005

**IJCAI 2005 Workshop on Configuration**

Alexander Felfernig (Redner/in)

30 Jul 2005

**IJCAI'05 Workshop on Configuration, Universität Klagenfurt, Institut für Wirtschaftsinformatik und Anwendungssysteme**

Alexander Felfernig (Organisator/-in)

30 Jul 2005

**IEEE International Conference on Electronic Commerce (CEC'05)**

Alexander Felfernig (Redner/in)  
21 Jul 2005

**AAAI/IAAI 2005**

Alexander Felfernig (Redner/in)  
12 Jul 2005

**Virtuelle Beratung in der öffentlichen Verwaltung**

Alexander Felfernig (Redner/in)  
14 Jun 2005

**Knowledge-based Technologies for the Interactive Selling of Financial Services**

Alexander Felfernig (Redner/in)  
13 Mai 2005

**Adaptive Interfaces in Knowledge-Based Recommendation**

Alexander Felfernig (Ausführende/r)  
31 Mär 2005 → 30 Jun 2006

**Testumgebung für Wissensbasierte Recommender Systeme**

Alexander Felfernig (Ausführende/r)  
31 Mär 2005 → 30 Apr 2006

**Joint Workshop on Decision Support Systems, Experimental Economics & e-Participation**

Alexander Felfernig (Redner/in)  
17 Mär 2005

**Personalization of Virtual Advisory in Public Management**

Alexander Felfernig (Redner/in)  
14 Mär 2005

**2nd eBZ-Workshop on e-Government**

Alexander Felfernig (Redner/in)  
4 Mär 2005

**Debugging User Interfaces of Knowledge-Based Recommender Applications**

Alexander Felfernig (Ausführende/r)  
26 Feb 2005 → 31 Jul 2006

**ECAI 2004**

Alexander Felfernig (Teilnehmer/-in)  
22 Aug 2004 → 27 Aug 2004

**ECAI 2004 Workshop on Configuration**

Alexander Felfernig (Redner/in)  
22 Aug 2004

**International Conference on Economic, Technical and Organisational aspects of Product Configuration Systems**

Alexander Felfernig (Redner/in)  
29 Jun 2004

**International Conference on Economic, Technical and Organisational aspects of Product Configuration Systems**  
Alexander Felfernig (Redner/in)  
28 Jun 2004

**International Conference on Software Engineering and Knowledge Engineering**  
Alexander Felfernig (Redner/in)  
22 Jun 2004

**Recommender Systeme im Finanzdienstleistungssektor**  
Alexander Felfernig (Ausführende/r)  
31 Mär 2004 → 30 Jun 2005

**Software Engineering Workshop (Invited Talk)**  
Alexander Felfernig (Redner/in)  
12 Jun 2003

**5th International Conference on the Unified Modeling Language (UML 2002)**  
Alexander Felfernig (Redner/in)  
3 Okt 2002

**ECAI 2002 Workshop on Knowledge Transformation for the Semantic Web**  
Alexander Felfernig (Redner/in)  
23 Aug 2002

**ECAI 2002 Workshop on Configuration**  
Alexander Felfernig (Redner/in)  
23 Jul 2002

**Workshop on Rule Markup Languages for Business Rules on the Semantic Web '02**  
Alexander Felfernig (Redner/in)  
13 Jun 2002

**1st International Semantic Web Conference (ISWC2002)**  
Alexander Felfernig (Redner/in)  
11 Jun 2002

**3rd IFIP Working Conference on INFRASTRUCTURES FOR VIRTUAL ENTERPRISES**  
Alexander Felfernig (Redner/in)  
2 Mai 2002

**Arbeitskonferenz - Elektronische Geschäftsprozesse eBusiness Processes (EBP 2001)**  
Alexander Felfernig (Redner/in)  
24 Sep 2001

**Analyse, Implementierung und Design eines webbasierten Prototypen zur wissensbasierten Konfiguration und Empfehlung von Finanzdienstleistungen (Prototyp für die Empfehlungssoftware von ConfigWorks - erstellt in Kooperation mit der Hypo-Alpe-Adria Bank)**  
Alexander Felfernig (Ausführende/r)  
31 Aug 2001 → 12 Apr 2002

**Seattle (WA), IJCAI 2001 (Vereinigte Staaten (USA))**  
Alexander Felfernig (Gast)  
4 Aug 2001 → 10 Aug 2001

**IJCAI 2001 Workshop on Configuration**

Alexander Felfernig (Redner/in)  
3 Aug 2001

**Knowledge Management Workshop**

Alexander Felfernig (Redner/in)  
10 Mär 2001

**Ein Werkzeug zur Modellierung von Konfigurationswissensbasen mit OCL**

Alexander Felfernig (Ausführende/r)  
30 Jan 2001 → 15 Mai 2002

**3rd Intl Conference on the Unified Modeling Language (UML'2000)**

Alexander Felfernig (Redner/in)  
4 Okt 2000

**Eine UML-basierte Wissenserwerbskomponente zur Modellierung von Konfigurationswissensbasen**

Alexander Felfernig (Ausführende/r)  
31 Aug 2000 → 12 Jun 2002

**14th European Conference on Artificial Intelligence (ECAI'2000), Configuration Workshop**

Alexander Felfernig (Redner/in)  
20 Aug 2000

**Berlin ECAI 2000 (Deutschland)**

Alexander Felfernig (Gast)  
20 Aug 2000 → 25 Aug 2000

**International Conference on Multiagent Systems 2000**

Alexander Felfernig (Redner/in)  
12 Jul 2000

**International Conference on Artificial Intelligence in Design**

Alexander Felfernig (Redner/in)  
29 Jun 2000

**Workshop and Advances in Conceptual Modeling in Design (ACMD/AID'2000)**

Alexander Felfernig (Redner/in)  
28 Jun 2000

**Workshop on Domain-oriented Software Development (DosD'99)**

Alexander Felfernig (Redner/in)  
7 Dez 1999

**European Simulation Symposium**

Alexander Felfernig (Redner/in)  
27 Okt 1999

**11th International Conference on Software Engineering & Knowledge Engineering, Kaiserslautern**

Alexander Felfernig (Redner/in)  
19 Jul 1999

**AAAI 1998, Orlando (FL) (Vereinigte Staaten (USA))**

Alexander Felfernig (Gast)  
18 Jul 1999 → 22 Jul 1999

**AAAI'99 Workshop on Configuration, Universität Klagenfurt, Institut für Wirtschaftsinformatik und Anwendungssysteme**  
Alexander Felfernig (Organisator/-in)  
16 Jul 1999 → 17 Jul 1999

## **Projekte**

**C.A.S.A. vecchia - Heimservice [Original in Englisch: Venue Enabling Collaboration and Communication in the accustomed Home to support Independent Aging**

Felfernig, A. & Isak, K.  
1/04/10 → 31/03/13

**EU - AGILE - Adoptive Gateways für diverse multiple Environments**

Felfernig, A.  
1/01/16 → 31/12/18

**EU - OPENREQ - Intelligente Empfehlungs- und Entscheidungstechnologien für Community-basiertes Requirements Engineering**

Felfernig, A.  
1/01/17 → 31/12/19

**FinRec - Technologien zur Unterstützung von Empfehlungsthemen und BigData Analytics & Predictions Aufgabenstellungen**

Felfernig, A.  
1/01/19 → 30/06/19

**ICONE - [Original in Englisch: Intelligent Assistance for Configuration Knowledge Base Development and Maintenance]**

Speiser-Reinfrank, F., Zehentner, C., Bulic Wehrschütz, S. & Felfernig, A.  
1/09/10 → 28/02/13

**IntelliReq - [Original in Englisch: Intelligent Recommendation Technologies for Requirements Engineering]**

Ninaus, G., Isak, K., Felfernig, A. & Grabner, H.  
1/03/11 → 28/02/13

**Knowledge Engineering**

Felfernig, A., Speiser-Reinfrank, F., Ninaus, G. & Reiterer, S.  
1/03/09 → ...

**ParXCel - Machine Learning und Parallelisierung für Skalierbares Constraint Solving**

Felfernig, A.  
1/10/20 → 30/09/23

**PeopleViews - Recommendation Technologies based on Human Computation**

Felfernig, A.  
1/02/14 → 31/07/16

**Recommender Systems**

Felfernig, A., Speiser-Reinfrank, F., Reiterer, S. & Ninaus, G.  
1/03/09 → ...

**Requirements Engineering**

Felfernig, A., Speiser-Reinfrank, F., Reiterer, S. & Ninaus, G.  
1/03/09 → ...

**SOLID - Personalization Technologies for Solar Equipment Configuration**

Felfernig, A.

1/08/10 → 30/06/15

**WECARE - Community-based Configuration of Complex Products and Services**

Felfernig, A.

1/03/09 → 28/02/11

**We-Want - Technologien für gruppenbasierte Konfiguration**

Felfernig, A.

1/09/15 → 31/08/18