

Alexander Felfernig
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Research interests

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.

Employment

Graz University of Technology
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1 Jan 2012 → present

Research output

CSPHeuristix: A Learning-based Heuristics Library for Constraint Satisfaction Problems

Polat Erdeniz, S. & Felfernig, A., 2019, (Submitted) In : Journal of Intelligent Information Systems.

Decision Biases in Preference Acquisition

Stettinger, M., Felfernig, A. & Samer, R., 2019, *Proceedings of the 21st Configuration Workshop*. p. 20-21 2 p.

Learned Constraint Ordering for Consistency Based Direct Diagnosis

Polat Erdeniz, S., Felfernig, A. & Atas, M., 2019, (Submitted) *32nd International Conference on Industrial, Engineering and Other Applications of Applied Intelligent Systems (IEA/AIE 2019)*.

Matrix Factorization based Heuristics for Constraint-based Recommenders

Polat Erdeniz, S., Felfernig, A., Atas, M. & Samer, R., 2019, (Accepted/In press) *The 34th ACM/SIGAPP Symposium On Applied Computing (SAC'19)*. 8 p.

Novel Variable and Value Ordering Heuristics for Solving Precoloring Extension Problems

Polat Erdeniz, S., Felfernig, A. & Atas, M., 2019, (Submitted) In : Annals of Operations Research. 16 p.

Recommender Systems for IoT Enabled Quantified-Self Applications

Polat Erdeniz, S., Felfernig, A. & Tran, T. N. T., 2019, (Submitted) In : Evolving Systems.

Socially-Aware Diagnosis for Constraint-Based Recommendation

Atas, M., Samer, R., Felfernig, A., Tran, T. N. T., Polat Erdeniz, S. & Stettinger, M., 2019, *Proceedings of the 27th ACM Conference on User Modeling, Adaptation and Personalization*. ACM/IEEE, p. 121-129

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, p. 164-171 8 p. (WI '19).

Towards Similarity-Aware Constraint-Based Recommendation

Atas, M., Tran, T. N. T., Felfernig, A., Polat Erdeniz, S., Samer, R. & Stettinger, M., 2019, p. 287-299. 12 p.

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, *Proceedings of the 27th ACM Conference on User Modeling, Adaptation and Personalization*. Larnaca, Cyprus: ACM/IEEE, p. 13-21 9 p.

User Interfaces for Counteracting Decision Manipulation in Group Recommender Systems

Tran, T. N. T., Felfernig, A., Le, V. M., Atas, M., Stettinger, M. & Samer, R., 2019, *Adjunct Publication of the 27th Conference on User Modeling, Adaptation and Personalization*. Larnaca, Cyprus: ACM/IEEE, p. 93-98 6 p. (UMAP'19 Adjunct).

Recommender Systems for IoT Enabled m-Health Applications

Polat Erdeniz, S., Felfernig, A. & Tran, T. N. T., May 2018, *IFIP International Conference on Artificial Intelligence Applications and Innovations (AIAI'18)*. p. 227-237 11 p.

Group Recommender Systems: An Introduction

Felfernig, A., Stettinger, M., Boratto, L. & Tkalcic, M., 15 Mar 2018, (Accepted/In press) Springer US. 183 p. (Springer Briefs in Electrical and Computer Engineering)

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

Polat Erdeniz, S. & Felfernig, A., Mar 2018, *8th International Conference on Information Systems and Technologies, ACM (ISST'18)*. p. 13-18 6 p.

Anytime Diagnosis for Reconfiguration

Felfernig, A., Walter, R., Galindo, J., Benavides, D., Polat Erdeniz, S., Atas, M. & Reiterer, S., 1 Jan 2018, In : *Journal of Intelligent Information Systems*. p. 1-22 22 p.

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Automated Identification of Type-Specific Dependencies between Requirements

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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*. p. 9-14 6 p.

Cost Benefit Analysis in Product Configuration Systems (short paper)

Shafiee, S., Felfernig, A., Hvam, L., Piroozfar, P. & Forza, C., 2018, *Proceedings of the 20th Configuration Workshop, Graz, Austria, September 27-28, 2018*. p. 37-40 4 p.

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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Group Decision Support for Requirements Management Processes

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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*. p. 175-186 12 p.

LearnDiag: A Direct Diagnosis Algorithm Based On Learned Heuristics

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Liquid Democracy in Group-based Configuration

Atas, M., Tran, T. N. T., Samer, R., Felfernig, A., Stettinger, M. & Fucci, D., 2018, *Proceedings of the 20th Configuration Workshop, Graz, Austria, September 27-28, 2018*. p. 93-98 6 p.

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

Fucci, D., Palomares, C., Franch, X., Costal, D., Raatikainen, M., Stettinger, M., Kurtanovic, Z., Kojo, T., Koenig, L., Falkner, A. A., Schenner, G., Brasca, F., Männistö, T., Felfernig, A. & Maalej, W., 2018, *Proceedings of the 12th ACM/IEEE International Symposium on Empirical Software Engineering and Measurement, ESEM 2018, Oulu, Finland, October 11-12, 2018*. p. 19:1-19:10

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Atas, M., Reiterer, S., Felfernig, A., Tran, T. N. T. & Stettinger, M., 2018, *Adjunct Publication of the 26th Conference on User Modeling, Adaptation and Personalization, UMAP 2018, Singapore, July 08-11, 2018*. p. 305-310 6 p.

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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. (ed.), Lops, P., O'Donovan, J., Semeraro, G. & Willemsen, M. C. (ed.), 2018, CEUR-WS.org. (CEUR Workshop Proceedings)

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

Quer, C., Franch, X., Palomares, C., Falkner, A. A., Felfernig, A., Fucci, D., Maalej, W., Nerlich, J., Raatikainen, M., Schenner, G., Stettinger, M. & Tiihonen, J., 2018, *The Practice of Enterprise Modeling - 11th IFIP WG 8.1. Working Conference, PoEM 2018, Vienna, Austria, October 31 - November 2, 2018, Proceedings*. p. 205-220 16 p.

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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

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Using a Feature Model Configurator for Release Planning

Raatikainen, M., Tiihonen, J., Männistö, T., Felfernig, A., Stettinger, M. & Samer, R., 2018, *Proceedings of the 22Nd International Systems and Software Product Line Conference - Volume 2*. New York, NY, USA: ACM SIGGRAPH, p. 29-33 5 p. (SPLC '18).

Automated Learning Content Generation from Knowledge Bases in the StudyBattles Environment

Shehadeh, A., Felfernig, A., Stettinger, M., Jeran, M. & Reiterer, S., Nov 2017, In : *International journal of software engineering and knowledge engineering*. 27, 9/10, p. 1387-1408 21 p.

OpenReq: Recommender Systems in Requirements Engineering

Felfernig, A., Stettinger, M., Falkner, A., Atas, M., Franch, X. & Palomares, C., 15 Oct 2017, p. 1-4. 4 p.

ASP-based Knowledge Representations for IoT Configuration Scenarios

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

Felfernig, A., Atas, M., Tran, T., Stettinger, M., Polat Erdeniz, S. & Leitner, G., 15 Aug 2017, p. 335-344. 10 p.

Cluster-Specific Heuristics for Constraint Solving

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Knowledge-based Learning Content Generation in the StudyBattles Environment

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An Overview of Recommender Systems in the Healthy Food Domain

Tran, T., Atas, M., Felfernig, A. & Stettinger, M., 15 Jun 2017, In : *Journal of Intelligent Information Systems*. p. 1-25 25 p.

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

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Recommendation Technologies for IoT Edge Devices

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Analysis of Product Modelling Techniques for Product Configuration Systems in Industrial Companies

Shafiee, S., Kristjansdottir, K., Hvam, L., Felfernig, A. & Myrodiya, A., 31 Dec 2016, *IEEE International Conference on Industrial Engineering and Engineering Management*. IEEE Computer Society, p. 1-10 10 p.

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Human Computation for Constraint-based Recommenders

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Recommender Systems for Health Informatics: State-of-the-Art and Future Perspectives

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RecSys'16 Workshop on Interfaces and Human Decision Making for Recommender Systems (IntRS 2016)

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Towards Configuration Technologies for IoT Gateways

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Towards Group-based Configuration: no subtitle

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Content-based Recommendation Techniques in Requirements Engineering

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

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Workshop on Configuration

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

Felfernig, A., 1997

Activities

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

Alexander Felfernig (Organiser), Denis Helic (Organiser), Elisabeth Lex (Organiser), Stefan Reiterer (Organiser), Dominik Kowald (Organiser), Emanuel Lacic (Organiser), Christoph Trattner (Organiser), Christian Gütl (Organiser)
17 Oct 2017

20th International Workshop on Configuration

Alexander Felfernig (Organiser)
1 Oct 2017 → 1 Oct 2018

11th ACM Conference on Recommender Systems (Event)

Alexander Felfernig (Member)
1 Jan 2017 → 31 Dec 2017

12th International Conference PERSUASIVE (Event)

Alexander Felfernig (Member)
1 Jan 2017 → 31 Dec 2017

18th International Conference on Web Information Systems Engineering (Event)

Alexander Felfernig (Member)
1 Jan 2017 → 31 Dec 2017

19th Configuration Workshop (Event)

Alexander Felfernig (Member)
1 Jan 2017 → 31 Dec 2017

2017 International Systems and Software Product Line Conference (Event)

Alexander Felfernig (Member)
1 Jan 2017 → 31 Dec 2017

2017 Workshop on Artificial Intelligence and Constraint Programming (Event)

Alexander Felfernig (Member)
1 Jan 2017 → 31 Dec 2017

2nd Workshop on Semantics-Enabled Recommender Systems (Event)

Alexander Felfernig (Member)
1 Jan 2017 → 31 Dec 2017

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

Alexander Felfernig (Member)
1 Jan 2017 → 31 Dec 2017

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

Alexander Felfernig (Agent)
1 Jan 2017 → 31 Dec 2017

ACM Hypertext 2017, Track Chair on Adaptive Hypertext and Recommendations

Alexander Felfernig (Organiser)
1 Jan 2017 → 31 Dec 2017

Applied Intelligence (Journal)

Alexander Felfernig (Editorial board member)
1 Jan 2017 → 31 Dec 2017

Communications of the ACM (Journal)

Alexander Felfernig (Peer reviewer)

1 Jan 2017 → 31 Dec 2017

Context-Based Integrated Development Environment Command Recommendations

Alexander Felfernig (Agent)

1 Jan 2017 → 31 Dec 2018

Journal of intelligent information systems (Journal)

Alexander Felfernig (Editorial board member)

1 Jan 2017 → 31 Dec 2017

Journal of Intelligent Information Systems (Journal)

Alexander Felfernig (Peer reviewer)

1 Jan 2017 → 31 Dec 2017

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

Alexander Felfernig (Organiser)

1 Jan 2017 → 31 Dec 2017

Reviewing Applied Intelligence 2017, 7160 Institut für Softwaretechnologie (External organisation)

Alexander Felfernig (Member)

1 Jan 2017 → 31 Dec 2017

Second Workshop on Health Recommender Systems (Event)

Alexander Felfernig (Member)

1 Jan 2017 → 31 Dec 2017

Application of Constraint-based Technologies in Financial Services Recommendation

Alexander Felfernig (Speaker)

16 Jun 2016

26th International World Wide Web Conference (Event)

Alexander Felfernig (Member)

15 Jun 2016 → 30 Apr 2017

13th International Conference on Web Information Systems (Event)

Alexander Felfernig (Member)

1 Mar 2016 → 31 Dec 2017

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

Alexander Felfernig (Member)

19 Feb 2016 → 31 Aug 2016

18th International Configuration Workshop (Event)

Alexander Felfernig (Member)

6 Jan 2016 → 30 Sep 2016

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

Alexander Felfernig (Member)

1 Jan 2016 → 31 Dec 2016

24th Conference on User Modeling, Adaptation and Personalization (Event)

Alexander Felfernig (Member)

1 Jan 2016 → 31 Dec 2016

7th International Conference on Design Computing and Cognition (Event)

Alexander Felfernig (Member)

1 Jan 2016 → 31 Dec 2016

ACM Transactions on Cyber-Physical Systems (Journal)

Alexander Felfernig (Peer reviewer)

1 Jan 2016 → 31 Dec 2016

ACM Transactions on Interactive Intelligent Systems (Journal)

Alexander Felfernig (Guest editor)

1 Jan 2016 → 31 Dec 2016

Applied Intelligence (Journal)

Alexander Felfernig (Editorial board member)

1 Jan 2016 → 31 Dec 2016

Area Chair Recommender Systems UMAP 2016

Alexander Felfernig (Organiser)

1 Jan 2016 → 31 Dec 2016

Evolution, testing and configuration of variability intensive systems

Alexander Felfernig (Agent)

1 Jan 2016 → 31 Dec 2016

IntRS 2016

Alexander Felfernig (Organiser)

1 Jan 2016 → 31 Dec 2016

Journal of intelligent information systems (Journal)

Alexander Felfernig (Editorial board member)

1 Jan 2016 → 31 Dec 2016

Program Committee PAIS 2016, 7160 Institut für Softwaretechnologie (External organisation)

Alexander Felfernig (Member)

1 Jan 2016 → 31 Dec 2016

Program Committee Persuasive 2016, 7160 Institut für Softwaretechnologie (External organisation)

Alexander Felfernig (Member)

1 Jan 2016 → 31 Dec 2016

UMAP 2016 Track Chair Recommender Systems, 7160 Institut für Softwaretechnologie (External organisation)

Alexander Felfernig (Chair)

1 Jan 2016 → 31 Dec 2016

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

Alexander Felfernig (Member)

22 Dec 2015 → 30 Sep 2016

91th ACM Conference on Recommender Systems (Event)

Alexander Felfernig (Member)

22 Dec 2015 → 30 Sep 2016

UMAP 2016 Track Chair on User Modeling and Recommender System, 7160 Institut für Softwaretechnologie (External organisation)

Alexander Felfernig (Member)
10 Dec 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) (Event)

Alexander Felfernig (Member)
9 Dec 2015 → 31 Aug 2016

10th International Conference on Persuasive Technology (Event)

Alexander Felfernig (Member)
27 Nov 2015 → 31 Dec 2016

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

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

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

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

PhD Commission, Eindhoven University of Technology (Niederlande) (External organisation)

Alexander Felfernig (Member)
1 Oct 2015 → 14 Dec 2015

World Wide Web Conference 2016 (Event)

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

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

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

6th International Workshop on Social Recommender Systems (Event)

Alexander Felfernig (Member)
5 May 2015 → 10 Aug 2015

FinRec'15 Workshop

Alexander Felfernig (Speaker)
16 Apr 2015

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

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

IJCAI 2015, Workshop on Intelligent Personalization (Event)

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

Program Committee Workshop on Configuration 2015, 7160 Institut für Softwaretechnologie (External organisation)

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

Vamos 2015 Workshop

Alexander Felfernig (Speaker)
21 Jan 2015 → 23 Jan 2015

Vamos 2015 Workshop

Alexander Felfernig (Speaker)
21 Jan 2015 → 23 Jan 2015

10th International Conference on Persuasive Technology (Event)

Alexander Felfernig (Member)
1 Jan 2015 → 31 Dec 2015

Applied Intelligence (Journal)

Alexander Felfernig (Editorial board member)
1 Jan 2015 → 31 Dec 2015

Modeling user preferences in multi media recommender systems

Alexander Felfernig (Agent)
1 Jan 2015 → 31 Dec 2015

9th ACM Conference on Recommender Systems (Event)

Alexander Felfernig (Member)
3 Nov 2014 → 8 Jul 2015

Program Committee IEEE Intl. Conf. on Information, Intelligence, Systems and Applications 2015, 7160 Institut für Softwaretechnologie (External organisation)

Alexander Felfernig (Member)
3 Nov 2014 → 15 Aug 2015

ACM RecSys'2014 CrowdRec Workshop

Alexander Felfernig (Speaker)
6 Oct 2014

Workshop on Configuration 2014

Alexander Felfernig (Keynote speaker)
26 Sep 2014

Workshop on Configuration

Alexander Felfernig (Organiser)
25 Sep 2014 → 26 Sep 2014

9th International Conference on Persuasive Technology (Event)

Alexander Felfernig (Member)
20 Sep 2014 → 5 Jun 2015

International Workshop on Decision Making and Recommender Systems 2014

Alexander Felfernig (Speaker)
18 Sep 2014 → 19 Sep 2014

LVIS Workshop

Alexander Felfernig (Speaker)
16 Sep 2014

DX 2014

Alexander Felfernig (Speaker)
9 Sep 2014

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

Alexander Felfernig (Member)
29 Aug 2014 → 12 Jun 2015

ECAI/PAIS 2014

Alexander Felfernig (Keynote speaker)
20 Aug 2014

ACM RecSys'14 IntRS Workshop (Event)

Alexander Felfernig (Member)
1 Jun 2014 → 31 Oct 2014

ACM RecSys'14 IntRS Workshop (Event)

Alexander Felfernig (Member)
7 May 2014 → 31 Oct 2014

1st International Workshop on Social Personalization (Event)

Alexander Felfernig (Member)
30 Mar 2014 → 30 Jun 2014

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

Alexander Felfernig (Member)
1 Mar 2014 → 31 Dec 2014

25th International Workshop on Principles of Diagnosis (Event)

Alexander Felfernig (Member)
1 Mar 2014 → 30 Sep 2014

Reviewer Knowledge and Information Systems (KAIS), 7160 Institut für Softwaretechnologie (External organisation)

Alexander Felfernig (Member)
6 Feb 2014 → 6 Mar 2014

ECAI/PAIS 2014 (Event)

Alexander Felfernig (Member)
29 Jan 2014 → 22 Aug 2014

Reviewer CHI 2014, 7160 Institut für Softwaretechnologie (External organisation)

Alexander Felfernig (Member)
19 Jan 2014

6th International Conference on Design Computing and Cognition (Event)

Alexander Felfernig (Member)
10 Jan 2014 → 31 Dec 2014

ACM Conference on Recommender Systems (Event)

Alexander Felfernig (Chair)
9 Jan 2014 → 10 Oct 2014

ACM Conference on Recommender Systems (Event)

Alexander Felfernig (Member)
9 Jan 2014 → 10 Oct 2014

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

Alexander Felfernig (Member)
9 Jan 2014 → 6 Jun 2014

12th Industrial Simulation Conference (Event)

Alexander Felfernig (Member)
1 Jan 2014 → 13 Jun 2014

Applied Intelligence (Journal)

Alexander Felfernig (Editorial board member)
1 Jan 2014 → 31 Dec 2014

Co-Chair Workshop on Configuration, 7160 Institut für Softwaretechnologie (External organisation)

Alexander Felfernig (Chair)
1 Jan 2014 → 30 Sep 2014

International Workshop on Configuration

Alexander Felfernig (Organiser)
1 Jan 2014 → 26 Sep 2014

Journal of intelligent information systems (Journal)

Alexander Felfernig (Editorial board member)
1 Jan 2014 → 31 Dec 2014

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

Alexander Felfernig (Member)
26 Nov 2013 → 30 Jun 2014

Review (PC Member) 5th International Workshop on Social Recommender Systems (SRS 2014), Seoul, Korea, Institute for Softwaretechnologie (Österreich) (External organisation)

Alexander Felfernig (Member)
24 Nov 2013 → 8 Apr 2014

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

Alexander Felfernig (Organiser)
20 Nov 2013 → 10 Oct 2014

Reviewer/Evaluator for UCD, 7160 Institut für Softwaretechnologie (External organisation)

Alexander Felfernig (Member)
20 Nov 2013 → 30 Nov 2013

International Workshop on Configuration

Alexander Felfernig (Organiser)
11 Nov 2013 → 26 Sep 2014

Workshop on Human Decision Making and Recommender Systems (Decisions@RecSys'13), University of Hongkong

Alexander Felfernig (Organiser)
12 Oct 2013

2013 Workshop on Recommender Systems

Alexander Felfernig (Speaker)
29 Aug 2013

Workshop on Configuration

Alexander Felfernig (Speaker)
29 Aug 2013

ACM Transactions on Interactive Intelligent Systems (Journal)

Alexander Felfernig (Editor)
1 Jan 2013 → 31 Dec 2013

Program Committee Persuasive Technologies 2014, 7160 Institut für Softwaretechnologie (External organisation)

Alexander Felfernig (Member)
1 Jan 2013 → 31 Dec 2014

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

Alexander Felfernig (Organiser)
4 Dec 2012 → 7 Dec 2012

Web Intelligence 2012

Alexander Felfernig (Speaker)
4 Dec 2012 → 7 Dec 2012

International Symposium on Methodologies for Intelligent Systems

Alexander Felfernig (Organiser)
1 Nov 2012 → 31 Dec 2012

Informatik Kolloquium

Alexander Felfernig (Speaker)
29 Oct 2012

Deutschsprachige MC-Tagung

Alexander Felfernig (Speaker)
28 Jun 2012 → 29 Jun 2012

WSOP Seminar zum Thema Requirements Engineering

Alexander Felfernig (Speaker)
12 Apr 2012

IST Seminar

Alexander Felfernig (Speaker)
13 Feb 2012

Reviewing AI Communications, 7160 Institut für Softwaretechnologie (External organisation)

Alexander Felfernig (Member)
1 Jan 2012 → 31 Dec 2012

6th ACM Conference on Recommender Systems, ACM

Alexander Felfernig (Organiser)
1 Dec 2011 → 31 Oct 2012

PC Member, Intl. Workshop on Recommender Systems in Software Engineering, 2012, TU München (Deutschland) (External organisation)

Alexander Felfernig (Member)

1 Dec 2011 → 1 Oct 2012

PC Member; Fifth International Conference on Design Computing and Cognition (DCC'12), 2012, Texas (Vereinigte Staaten (USA)) (External organisation)

Alexander Felfernig (Member)

1 Dec 2011 → 31 Oct 2012

PC Member; User Modeling, Adaptation, and Personalization (UMAP 2012), 2012, University of Aberdeen (Vereinigtes Königreich) (External organisation)

Alexander Felfernig (Member)

1 Dec 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 (Organiser), Monika Mandl (Organiser)

27 Oct 2011

RecSys'11 Workshop on Human Decision Making in Recommender Systems

Alexander Felfernig (Speaker)

27 Oct 2011

RecSys'11 Workshop on Human Decision Making in Recommender Systems

Alexander Felfernig (Speaker)

27 Oct 2011

RecSys'11 Workshop on Human Decision Making in Recommender Systems

Alexander Felfernig (Speaker)

27 Oct 2011

DX 2011

Alexander Felfernig (Keynote speaker)

4 Oct 2011 → 7 Oct 2011

PC Member; 7th International Conference on Web Information Systems (WEBIST'12), 2012, Lisabon (Portugal) (External organisation)

Alexander Felfernig (Member)

1 Oct 2011 → 30 Apr 2012

SIEMENS Configuration Symposium

Alexander Felfernig (Speaker)

22 Sep 2011

SPLC 2011

Alexander Felfernig (Speaker)

26 Aug 2011

A Framework for Constraint-Programming based Configuration

Alexander Felfernig (Agent)

15 Jun 2011 → 31 Oct 2011

Kolloquium der TU Graz

Alexander Felfernig (Speaker)

12 Apr 2011

Faculty Colloquium

Alexander Felfernig (Speaker)
13 Jan 2011

International Journal on Electronic Commerce (Journal)

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

PC Member, 4th Intl. Workshop on Managing Requirements Knowledge, Trento, Italy, 2011, RE 2011 (Italien) (External organisation)

Alexander Felfernig (Member)
1 Jan 2011 → 31 Dec 2011

PC Member; ACM International Conference on Recommender Systems (senior PC), RecSys'11, 2011, Chicago (Vereinigte Staaten (USA)) (External organisation)

Alexander Felfernig (Member)
1 Jan 2011 → 31 Oct 2011

PC Member; Electronic Commerce and Web Technologies, EC-Web, 2011, Toulouse (Frankreich) (External organisation)

Alexander Felfernig (Member)
1 Jan 2011 → 31 Oct 2011

PC Member; International Conference on Active Media Technology (AMT), 2011, Lanzhou (China) (External organisation)

Alexander Felfernig (Member)
1 Jan 2011 → 31 Dec 2011

Reviewer, Editor: AI MAGAZINE 2011, AAAI (Vereinigte Staaten (USA)) (External organisation)

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

User modeling and user-adapted interaction (Journal)

Alexander Felfernig (Editor)
1 Jan 2011 → 31 Dec 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 (Agent)
12 Dec 2010

AI magazine (Journal)

Alexander Felfernig (Editor)
15 Nov 2010 → 30 Jun 2011

Guest Editor AI Magazine, TU Graz (Österreich) (External organisation)

Alexander Felfernig (Chair)
1 Nov 2010 → 31 Dec 2011

DX 2010

Alexander Felfernig (Speaker)
13 Oct 2010 → 16 Oct 2010

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

Alexander Felfernig (Organiser)
27 Sep 2010

ECAI 2010 Workshop on Configuration

Alexander Felfernig (Speaker)

16 Aug 2010 → 20 Aug 2010

ECAI 2010 Workshop on Intelligent Engineering Techniques for Knowledge Bases

Alexander Felfernig (Speaker)

16 Aug 2010

ECAI 2010 Workshop on Intelligent Engineering Techniques for Knowledge Bases, TU Graz

Alexander Felfernig (Organiser)

16 Aug 2010

Guest Editor UMUI (User Modeling and User-Adapted Interaction), TU Graz (Österreich) (External organisation)

Alexander Felfernig (Chair)

1 Aug 2010 → 15 May 2011

Recommendation Beyond Rationality

Alexander Felfernig (Agent)

5 Jul 2010

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

Alexander Felfernig (Agent)

1 Jul 2010

Guest Editor AI Communications, TU Graz (Österreich) (External organisation)

Alexander Felfernig (Chair)

1 May 2010 → 30 Apr 2011

AI communications (Journal)

Alexander Felfernig (Editor)

26 Feb 2010 → 30 May 2011

Co-Chair 3rd International Workshop on Managing Requirements Knowledge, TU Graz (Österreich) (External organisation)

Alexander Felfernig (Chair)

1 Jan 2010 → 16 Sep 2010

International Journal of Electronic Commerce (Journal)

Alexander Felfernig (Peer reviewer)

1 Jan 2010 → 31 Dec 2010

International journal of human-computer studies (Journal)

Alexander Felfernig (Peer-review board member)

1 Jan 2010 → 31 Dec 2010

Multimedia Systems (Journal)

Alexander Felfernig (Peer reviewer)

1 Jan 2010 → 31 Dec 2010

Program Committee AAAI 2010, TU Graz (Österreich) (External organisation)

Alexander Felfernig (Member)

1 Jan 2010 → 15 Mar 2010

Program Committee EC-Web 2010, TU Graz (Österreich) (External organisation)

Alexander Felfernig (Member)

1 Jan 2010 → 30 Mar 2010

Program Committee International Conference on Active Media Technology, TU Graz (Österreich) (External organisation)

Alexander Felfernig (Member)

1 Jan 2010 → 31 Mar 2010

Reviewer: Experimental and Theoretical Artificial Intelligence, TU Graz (Österreich) (External organisation)

Alexander Felfernig (Member)

1 Jan 2010 → 31 Dec 2010

Reviewer: IEEE Pervasive Computing, TU Graz (Österreich) (External organisation)

Alexander Felfernig (Member)

1 Jan 2010 → 31 Dec 2010

Reviewer: Journal of Web Engineering, TU Graz (Österreich) (Journal)

Alexander Felfernig (Editorial board member)

1 Jan 2010 → 31 Dec 2010

Reviewer: Knowledge Based Systems, TU Graz (Österreich) (External organisation)

Alexander Felfernig (Member)

1 Jan 2010 → 31 Dec 2010

Senior Program Committee ACM Recommender Systems 2010, TU Graz (Österreich) (External organisation)

Alexander Felfernig (Member)

1 Jan 2010 → 31 Mar 2010

Kolloquium University of Bolzano

Alexander Felfernig (Speaker)

27 Nov 2009

IST Seminar Series

Alexander Felfernig (Speaker)

25 Nov 2009

ACM International Conference on Recommender Systems, Stern Business School New York

Alexander Felfernig (Organiser)

22 Oct 2009 → 25 Oct 2009

Navigation Support for Learners in Informal Learning Networks

Alexander Felfernig (Agent)

16 Oct 2009

21st International Joint Conference on Artificial Intelligence

Alexander Felfernig (Speaker)

14 Jul 2009

Artificial intelligence for engineering design, analysis and manufacturing (Journal)

Alexander Felfernig (Editor)

1 Mar 2009 → 31 Dec 2010

Consistency Management in Constraint-based Systems

Alexander Felfernig (Agent)

1 Mar 2009 → 30 Nov 2011

International journal of mass customisation (Journal)

Alexander Felfernig (Editor)

1 Nov 2008 → 31 Oct 2009

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

Alexander Felfernig (Organiser)

26 Oct 2008

ACM International Conference on Electronic Commerce

Alexander Felfernig (Speaker)

20 Aug 2008

A Conceptual Modelling Approach to Software Variability

Alexander Felfernig (Agent)

1 Aug 2008

ECAI 2008 Workshop on Configuration, Universität Klagenfurt, Institut für Wirtschaftsinformatik und Anwendungssysteme

Alexander Felfernig (Organiser)

21 Jul 2008 → 22 Jul 2008

ECAI'08 Workshop on Recommender Systems, Universität Klagenfurt, Institut für Wirtschaftsinformatik und Anwendungssysteme

Alexander Felfernig (Organiser)

19 Jul 2008 → 20 Jul 2008

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

Alexander Felfernig (Speaker)

17 Jul 2008

3rd International Conference on Persuasive Technologies

Alexander Felfernig (Speaker)

4 Jun 2008

Recommender Systems (invited talk)

Alexander Felfernig (Speaker)

12 Feb 2008

International Conference on Intelligent User Interfaces 2008 (IUI)

Alexander Felfernig (Speaker)

4 Feb 2008

Aktuelle Themen des E-Commerce (invited talk)

Alexander Felfernig (Speaker)

21 Jan 2008

Automated Repair of Utility Constraint Sets

Alexander Felfernig (Agent)

1 Jan 2008 → 30 Apr 2010

Towards a Discipline of Empirical Knowledge Engineering

Alexander Felfernig (Agent)

1 Jan 2008 → 30 Oct 2009

Knowledge-based Recommender Technologies

Alexander Felfernig (Speaker)

12 Dec 2007

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

Alexander Felfernig (Organiser)

9 Nov 2007

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

Alexander Felfernig (Organiser)

19 Oct 2007 → 20 Oct 2007

AAAI/IAAI 2007

Alexander Felfernig (Speaker)

24 Jul 2007

Kolloquium at Klagenfurt University

Alexander Felfernig (Speaker)

14 Mar 2007

IEEE Intelligent Systems (Journal)

Alexander Felfernig (Editor)

1 Jan 2007 → 31 Dec 2007

Knowledge-based Recommender Technologies and Recommender User Interfaces

Alexander Felfernig (Speaker)

13 Sep 2006

ECAI 2006 Workshop on Configuration

Alexander Felfernig (Speaker)

31 Aug 2006

European Conference on Artificial Intelligence

Alexander Felfernig (Speaker)

31 Aug 2006

ECAI 2006 Workshop on Recommender Systems, Universität Klagenfurt, Institut für Wirtschaftsinformatik und Anwendungssysteme

Alexander Felfernig (Organiser)

22 Aug 2006 → 23 Aug 2006

IEEE International Conference on Electronic Commerce (CEC'06)

Alexander Felfernig (Speaker)

29 Jun 2006

International Mass Customization Meeting

Alexander Felfernig (Speaker)

22 Jun 2006

Visualization Interface for Financial Service Recommender Applications

Alexander Felfernig (Agent)

31 Mar 2006 → 20 Apr 2007

GfKI 2006

Alexander Felfernig (Speaker)

9 Mar 2006

IUI 2006

Alexander Felfernig (Speaker)

2 Feb 2006

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

Alexander Felfernig (Speaker)

4 Oct 2005

IJCAI 2005 Workshop on Configuration

Alexander Felfernig (Speaker)

30 Jul 2005

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

Alexander Felfernig (Organiser)

30 Jul 2005

IEEE International Conference on Electronic Commerce (CEC'05)

Alexander Felfernig (Speaker)

21 Jul 2005

AAAI/IAAI 2005

Alexander Felfernig (Speaker)

12 Jul 2005

Virtuelle Beratung in der öffentlichen Verwaltung

Alexander Felfernig (Speaker)

14 Jun 2005

Knowledge-based Technologies for the Interactive Selling of Financial Services

Alexander Felfernig (Speaker)

13 May 2005

Adaptive Interfaces in Knowledge-Based Recommendation

Alexander Felfernig (Agent)

31 Mar 2005 → 30 Jun 2006

Testumgebung für Wissensbasierte Recommender Systeme

Alexander Felfernig (Agent)

31 Mar 2005 → 30 Apr 2006

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

Alexander Felfernig (Speaker)

17 Mar 2005

Personalization of Virtual Advisory in Public Management

Alexander Felfernig (Speaker)

14 Mar 2005

2nd eBZ-Workshop on e-Government

Alexander Felfernig (Speaker)

4 Mar 2005

Debugging User Interfaces of Knowledge-Based Recommender Applications

Alexander Felfernig (Agent)

26 Feb 2005 → 31 Jul 2006

ECAI 2004 Workshop on Configuration

Alexander Felfernig (Speaker)

22 Aug 2004

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

Alexander Felfernig (Speaker)

29 Jun 2004

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

Alexander Felfernig (Speaker)

28 Jun 2004

International Conference on Software Engineering and Knowledge Engineering

Alexander Felfernig (Speaker)

22 Jun 2004

Recommender Systeme im Finanzdienstleistungssektor

Alexander Felfernig (Agent)

31 Mar 2004 → 30 Jun 2005

Software Engineering Workshop (Invited Talk)

Alexander Felfernig (Speaker)

12 Jun 2003

5th International Conference on the Unified Modeling Language (UML 2002)

Alexander Felfernig (Speaker)

3 Oct 2002

ECAI 2002 Workshop on Knowledge Transformation for the Semantic Web

Alexander Felfernig (Speaker)

23 Aug 2002

ECAI 2002 Workshop on Configuration

Alexander Felfernig (Speaker)

23 Jul 2002

Workshop on Rule Markup Languages for Business Rules on the Semantic Web '02

Alexander Felfernig (Speaker)

13 Jun 2002

1st International Semantic Web Conference (ISWC2002)

Alexander Felfernig (Speaker)

11 Jun 2002

3rd IFIP Working Conference on INFRASTRUCTURES FOR VIRTUAL ENTERPRISES

Alexander Felfernig (Speaker)

2 May 2002

Arbeitskonferenz - Elektronische Geschäftsprozesse eBusiness Processes (EBP 2001)

Alexander Felfernig (Speaker)

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 (Agent)

31 Aug 2001 → 12 Apr 2002

IJCAI 2001 Workshop on Configuration

Alexander Felfernig (Speaker)

3 Aug 2001

Knowledge Management Workshop

Alexander Felfernig (Speaker)

10 Mar 2001

Ein Werkzeug zur Modellierung von Konfigurationswissensbasen mit OCL

Alexander Felfernig (Agent)

30 Jan 2001 → 15 May 2002

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

Alexander Felfernig (Speaker)

4 Oct 2000

Eine UML-basierte Wissenserwerbskomponente zur Modellierung von Konfigurationswissensbasen

Alexander Felfernig (Agent)

31 Aug 2000 → 12 Jun 2002

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

Alexander Felfernig (Speaker)

20 Aug 2000

International Conference on Multiagent Systems (ICMAS'2000)

Alexander Felfernig (Speaker)

12 Jul 2000

International Conference on Artificial Intelligence in Design

Alexander Felfernig (Speaker)

29 Jun 2000

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

Alexander Felfernig (Speaker)

28 Jun 2000

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

Alexander Felfernig (Speaker)

7 Dec 1999

European Simulation Symposium

Alexander Felfernig (Speaker)
27 Oct 1999

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

Alexander Felfernig (Speaker)
19 Jul 1999

AAAI'99 Workshop on Configuration, Universität Klagenfurt, Institut für Wirtschaftsinformatik und Anwendungssysteme

Alexander Felfernig (Organiser)
16 Jul 1999 → 17 Jul 1999

Projects

C.A.S.A. vecchia - 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 for diverse multiple Environments

Felfernig, A.
1/01/16 → 31/12/18

EU - OPENREQ - Intelligent Recommendation Decision Technologies for Community-Driven Requirements Engineering

Felfernig, A.
1/01/17 → 31/12/19

FinRec - Technologies to support recommendations in financial services scenarios

Felfernig, A.
1/01/19 → 30/06/19

ICONE - 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 - 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 → ...

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 - Enabling Technologies for Group-Based Configuration

Felfernig, A.

1/09/15 → 31/08/18