

Curriculum Vitae

Personal Information

Name: Albrecht Zimmermann
Date of Birth: 24.03.1976
Citizenship: German

Contact Information

Office Address **INSA de Lyon**
Laboratoire d'InfoRmatique en Image et Systèmes d'information (LIRIS)
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Research Interests

- Local pattern mining
- Pattern set mining
- Outlier Detection
- Community and event detection
- Data generation
- Data mining result verification
- Run time prediction
- Attributed graph mining

Academic Degrees

May 2009 **Ph.D., “Mining Sets of Patterns’**
Albert-Ludwigs-Universität, Freiburg, Germany / Katholieke Universiteit Leuven, Belgium.
Supervisor: Prof. Dr. Luc De Raedt.
Jury Members: J. Berlamont
Prof. B. Berendt (KU Leuven)
Prof. B. Goethals (University of Antwerp)
Prof. A. Siebes (University of Utrecht)
Prof. H. Blockeel (KU Leuven)

June 2003 **M.Sc. (“Diplom”)**, Computer Science with minor Philosophy.
Albert-Ludwigs-Universität, Freiburg, Germany.
Grade 1.9 (grades range from 1.0 (best) to 4.0).
Diploma thesis on **“Clustering under Frequency Constraints’**.
Supervisor: Prof. Dr. Luc De Raedt.

July 1998 **B.A. (“Vordiplom”)**, Computer Science with minor Philosophy.
Philipps Universität, Marburg, Germany.
Grade 2.0 (grades range from 1.0 (best) to 4.0).

Professional Experience (Post-PhD)

- February 2014 – present – **Post-Doctoral Researcher**, *INSA de Lyon, France*.
- Research within the context of the GRAISearch – EU Marie Curie Actions – FP7-PEOPLE-2013-IAPP project
 - Attributed graph mining
 - Community detection
 - Event detection
- June 2009 – October 2013 – **Post-Doctoral Researcher**, *Katholieke Universiteit Leuven, Belgium*.
- Research within the context of the DTAI (Declarative Languages & Artificial Intelligence) group’s projects
 - Independent research within the context of the FWO (Fonds Wetenschappelijk Onderzoek Vlaanderen) project “Establishment of quantitative properties and qualitative guarantees for pattern mining”
 - Teaching activities

Awards and Grants

- 2010-2013 FWO post-doctoral grant “Establishment of quantitative properties and qualitative guarantees for pattern mining”
- 2006 Best presentation award PKDD/ECML

Professional Activities

- Journal Reviewer Artificial Intelligence
Data Mining and Knowledge Discovery
Machine Learning Journal
Knowledge and Information Systems
IEEE Transactions on Knowledge and Data Engineering
- Program Committees of Conferences AAAI Conference on Artificial Intelligence (AAAI): 2014
European Conference on Machine Learning/Principles and Practice of Knowledge Discovery in Databases (ECML PKDD): 2014, 2013, 2010, 2009, 2008, 2007
SIAM International Conference on Data Mining (SDM): 2011, 2010, 2009
International Conference on Data Mining (ICDM): 2014, 2012
ACM International Conference on Information and Knowledge Management (CIKM): 2011
International Joint Conferences on Artificial Intelligence (IJCAI): 2011
Pacific-Asia Conference on Knowledge Discovery and Data Mining (PAKDD): 2014, 2012
International Conference on Pattern Recognition Applications and Methods (ICPRAM): 2015, 2012, 2013

- Organizational Activities
- 2012 Registration Chair ICDM 2012
 - Co-Organization Spring Workshop on Mining and Learning (SML)
 - Coordination Submission System ECAI 2012
 - 2010 Co-Organization Spring Workshop on Mining and Learning
 - 2008 Co-Organization Spring Workshop on Mining and Learning
- Teaching and Tutorials
- Tutorial “Mining Sets of Patterns” at ICDM 2011 (author and presenter)
 - Tutorial “Mining Sets of Patterns” at ECML/PKDD 2010 (author)
 - “Data Mining in Practice”, 3-day course for non-Machine Learning/Data Mining researchers, Leuven 2011, 2012
 - Teaching Assistant:
 - Teaching exercises “Data Bases”, Leuven 2012
 - Teaching exercises “Data Mining”, Leuven, 2011, 2012
 - Organization and teaching exercises, designing and grading final exam “Foundations of Artificial Intelligence”, Freiburg, 2006
 - Organization and teaching exercises, designing and grading final exam “Machine Learning and Data Mining”, Freiburg, 2005, 2006
- Supervision
- Master’s theses
- “Starting in the Middle (or somewhere else) - Witness-based Mining”, Domien Frederix, 2012/13
 - “Towards Day-to-Day Basketball Predictions Using Machine Learning”, Sruthi Moorthy, 2012/13
 - “Applying Machine Learning to Sports Analytics”, Shi Zifan, 2011/12
 - “Predicting a Success in the NBA”, Ruben De Baetselier, 2010/11
- Bachelor’s theses
- “Exhaustive Multi-Label Learning”, Samuel Kolb, Thomas Pattyn, 2012/13
 - “Decision Trees and Ensemble Trees”, Tanja Sida, 2006/07