

Curriculum Vitae, Dunja Mladenic

Research interests: Artificial Intelligence, Machine Learning, Text and Web Mining, Data Mining, Semantic Web, Intelligent Agents, Applications of Machine Learning, Data (Text, Web) Mining. Most of my research work is connected with the study and development of machine learning and data mining techniques and their applications on real-world problems from different areas, for instance, medicine, pharmacology, manufacturing, economy and recently learning from the Web.

Editor of the following books:

- Data mining and decision support: integration and collaboration (Mladenic, Lavrac, Bohanec, Moyle, eds.), Kluwer Academic Publishers, 2003.
- Web Mining: from Web to Semantic Web (Berendt, Hotho, Mladenic, Someren, Spiliopoulou, Stumme, eds.) Lecture notes in AI, Berlin; Heidelberg; New York:Springer, 2004.
- Semantics, Web and Mining: Joint International Workshop, Lecture Notes in Computer Science (Berendt, Grobelnik, Hotho, Mladenic, Semeraro, Schinke, Someren, Spiliopoulou, Stumme, eds.), Springer, 2006.

Education

- Ph.D., Computer Science (AI), University of Ljubljana, October 1998. Dissertation: *Machine learning on non-homogeneous, distributed text data*. Thesis advisors: Ivan Bratko, Tom Mitchell.
- M.Sc., Computer Science (AI), University of Ljubljana, September 1995. Thesis: *Domain-Tailored Machine Learning*. Thesis advisors: Ivan Bratko, Nada Lavrac.
- B.Sc., Computer Science, University of Ljubljana, June 1990. Thesis: *Machine Learning System: Magnus Assistant*. Thesis advisor: Ivan Bratko.
- High School, emphases on mathematics and computer science, Rijeka, Croatia, May 1985.

Research experience

- 1987-present, associated with J. Stefan Institute, Ljubljana, Slovenia (1987-1992 as an undergraduate student, 1992-1998 employed at J.Stefan Institute as a graduate student and young researcher, 1998-present, employed at J. Stefan Institute, as a researcher and project manager.
- 2000-2001, School of Computer Science, Carnegie Mellon University, USA, 18 months as a visiting faculty, *research on data mining, with particular emphases on Web and text mining including information extraction and user profiling* (hosted by Tom M. Mitchell).
- 1996-1997, Carnegie Mellon University, USA, 12 months as a visiting researcher, *research on machine learning in data analysis, with particular interest in learning from text applied on World Wide Web documents and intelligent agents* (hosted by Tom M. Mitchell).
- 1993, Brunel-The University of West London, UK, 1 month visit, research on *application of machine learning on discrete event simulation analysis* (hosted by Ray J. Paul).
- 1991-1992, Katholieke Universiteit Leuven, Belgium, 1 month visit, research on *usage of stochastic search in machine learning* (hosted by Luc De Raedt).

Teaching experience

- 2006-present, teaching at graduate school of Faculty of Business, University of Nova Gorica
- 2006-present, teaching at graduate school of Faculty of Education Koper, University of Primorska
- 2005-present, teaching at Jozef Stefan International Postgraduate School
- 1993-2002, advising undergraduate research projects in Computer Science (AI), classes held by Prof. Ivan Bratko, Prof. Tatjana Zrimec, Prof. Blaz Zupan, Faculty for Computer and Information Science, University of Ljubljana, Slovenia.
- 1995-present, visiting lectures at Master program on Faculty of Economics, University of Ljubljana, Slovenia.
- 1999-present, visiting lectures at undergraduate program in Mathematics and Informatic, Faculty of Education, University of Ljubljana, Slovenia.
- 1994-present, giving seminars in Computer Science (AI) at different Universities and other Organizations
- 1995-1996, Teaching Assistant in Computer Science (programming techniques), University of Rijeka, Croatia.

Research projects/systems developed

National projects

- 2006-2008, System for statistical semantic Web
- 2006-2008, MetaService – Semantic composition of Grid services
- 2002-2004, Development and analysis of Slovenia collection of electronic publications of national importance, L2-5257-0106-03 (Dunja Mladenec, PI)
- 2002-2004, Collection and analysis of Slovenian electronic publications on the Web, (Dunja Mladenec, PI)
- 2002-2005, Language Resources for Slovene (Marko Stabej, PI)
- 2000-2002 Intelligent data analysis for better decision support (Nada Lavrac, PI)
- 1999-2001, Analysis of large text datasets, (Dunja Mladenec, PI)
- 1999-2001, Reflection in Machine Learning, (Damjan Bojadziev, PI)
- 1998-2001, Development of Digital Publishing with Distance Learning Support (Tomaz Erjavec, PI)
- 1995-1997, Knowledge synthesis from data, basic research project (Ivan Bratko, PI)
- 1995-1997, Analysis of clinical bases and medical knowledge synthesis, basic research project (Nada Lavrac, PI)
- 1996-2000 Slovenian Economy in Transition towards Market Economy (Janez Prasnikar, PI)
- 1994-1996, Computerized information system supporting therapeutic activities in health care, applicative project (Marko Bohanec, PI)
- 1992-1994, Automated knowledge synthesis, basic research project (Ivan Bratko, PI)

Bilateral international projects

- 2006-2007, Analysis of Dynamic Networks with Graph and Text Mining Methods, Carnegie Mellon University, USA
- 2005-2006, Web Page Classification for Croatian and Slovenian Web, University of Zagreb, Croatia

- 2005-2006, Using Artificial Intelligence in Text and Web Mining, University of Novi Sad, Serbia

International projects

- 2007-2010, FP6 Strategic targeted research project IMAGINATION Image-based Navigation in Multimedia Archives (IST-5-034626-STP) (Dunja Mladenic & Marko Grobelnik & Janez Brank, PI)
- 2007-2010, FP6 Strategic targeted research project SMART Statistical Multilingual Analysis for Retrieval and Translation (IST-5-033917-STP) (Marko Grobelnik & Blaz Fortuna, PI)
- 2006-2010, FP6 Integrated project NeOn Lifecycle Support for Networked Ontologies (IST-4-027595-IP) (Dunja Mladenic & Marko Grobelnik, PI)
- 2006-2009, FP6 Strategic targeted research project SWING Semantic Web Services Interoperability for Geospatial Decision Making (IST-4-026514-STP) (Dunja Mladenic & Marko Grobelnik, PI)
- 2006-2009, FP6 Strategic targeted research project TAO Transitioning Applications to Ontologies (IST-4-026460-STP) (Dunja Mladenic & Marko Grobelnik, PI)
- 2005-2008, FP6 Co-ordination Action KD-ubiq A blue print for ubiquitous knowledge discovery systems (IST-4-021321-CA) (Dunja Mladenic PI)
- 2005-2007, FP6 Specific Support Action IST World: Knowledge Base for RTD competencies in IST (IST-3-015823-SAS) (Marko Grobelnik technical coordinator and PI)
- 2004-2006, FP6 Integrated project SEKT: Semantically Enabled Knowledge Technologies (IST-1-506826-IP) (Dunja Mladenic & Marko Grobelnik, PI)
- 2004-2006, FP6 Strategic targeted research project ALVIS: Superpeer Semantic Search Engine (IST-1-002068-STP) (Matjaz Gams & Marko Grobelnik, PI)
- 2003-2007, FP6 Network of Excellence PASCAL: Pattern Analysis, Statistical Modelling and Computational Learning (IST-1-506778-NOE) (Dunja Mladenic & Marko Grobelnik, PI)
- 2004-2006, FP6 ERA project CEC-WYS: Central European Centre for Women and Youth in Science (SAS6-CT-2004-003582) (Dunja Mladenic, PI)
- 2000-2003, 5FP RTD project SOL-EU-NET: Data Mining and Decision Support for Business Competitiveness: Solomon European Virtual Enterprise (IST-1999-11495)
- 2002-2004, 5FP Network of Excellence KNet: European Knowledge Discovery Network of Excellence (IST-2001-33086) (Dunja Mladenic, PI)
- 2000-2003, 5FP Network of Excellence KMForum: European Knowledge Management Forum (IST-2000-26393) (Dunja Mladenic, PI)
- 2002-2004, 5FP Network of Excellence NEMIS: Network of Excellence in text Mining and its applications in Statistics (IST-2001-37574) (Dunja Mladenic & Marko Grobelnik, PI)
- 2001-2003, 5FP IST-2000-29207 EUNITE - The European Network of Excellence on Intelligent Technologies for Smart Adaptive Systems”, (Ljupco Todorovski, PI for J.Stefan Institute, Slovenia)
- 2000-2003, 5FP IST-1999-29003 AgentLink II: Continuation of a Network of Excellence for Agent-Based Computing”, AgentLink (Matjaz Gams, PI for J.Stefan Institute, Slovenia) <www.agentlink.org>
- 2002-2004, RTD project “Application of Advanced Natural Language Processing to Text Mining and Summarization” for Microsoft Research, Ltd. (responsible: Dunja Mladenić and Marko Grobelnik)
- 2000-2001, RTD project “Text Analysis using Natural Language Processing” for Microsoft Research, Ltd. (responsible: Dunja Mladenić and Marko Grobelnik)
- 2000-2002, FP5 IST-11495 project Sol-Eu-Net (Dunja Mladenic, the project coordinator and PI for J.Stefan Institute, Slovenia) <SolEuNet.ijs.si>

- 1997-1999, INCO-Copernicus Information System for Employment Optimisation on Internet (technical manager Matjaz Gams)
- 1992-1997, ESPRIT III and IV European Network of Excellence in Machine Learning (Slovenian network manager Ivan Bratko, Slovenian coordinators Nada Lavrac, Dunja Mladenic)
- 1992-1995, TEMPUS JEP 4724, Postgraduate study of Water Resources Management and Sanitary Engineering (Ivan Bratko, PI for Slovenia)

Professional activities

- Since 2002, Slovenian representative in EC Enwise STRATA ETAN Expert Group "Promoting women scientists from the Central and Eastern European countries and the Baltic States to produce gender equality in science in the wider Europe"
- 2000-present, Evaluator of project proposals for European Commission (EC) programme on Information and Society Technology (IST).
- 2001, Evaluator of project proposals for National Science Foundation (NSF) initiative on Information Technology Research (ITR), NSF 00-126, USA
- 1996-present, Executive board member of *Slovenian Artificial Intelligence Society SLAIS*
- 2001-present, Advisory board member of Slovenian Society ACM-Slovenia
- 2004 Editorial board of International Journal of Computational Intelligence
- Paper referee for international journals and conferences:
 - *Journal of Machine Learning Research* (2003-present)
 - *IEEE Transactions on Systems, Man and Cybernetics* (2004)
 - *Knowledge and Information Systems, an International Journal* (2004-present)
 - *Machine Learning Journal* (2003-present)
 - *ACM Transactions on Internet Technology* (2003-present)
 - *Journal on Data & Knowledge Engineering*
 - *Journal of Information and Organizational Sciences JIOS* (2003)
 - *Information Retrieval Journal* (2003)
 - *Applied Artificial Intelligence*, an International Journal (1998-present)
 - *Informatica* an International Journal of Computing and Informatica (1993-present)
 - *IEEE Transactions on Systems, Man and Cybernetics* (2001-present)
 - *Information Retrieval Journal, Kluwer Academic Publishers* (2000-present)
 - *Knowledge and Information Systems* (KAIS), an International Journal (2001-present)
 - *Journal of Intelligent Information Systems*, Special Issue on Automated Text Categorization (2001)
 - *IEEE Expert/Intelligent Systems & Their Applications* (1999)
 - *International Conference on Machine Learning (ICML)* (1994-present)
 - *European Conference on Artificial Intelligence (ECAI)* (1993-present)
 - Workshop Proposal Review, *European Conference on Artificial Intelligence ECAI'96* (1996)
 - *European Conference on Machine Learning* (1994-present)
 - *Joint European Conference on Artificial Intelligence in Medicine and Medical Decision Making (AIMDM'99)* (1999)
 - *International Journal of Human-Computer Interaction IJHCI* (1995)
 - International Conference AI '95 (1995)
 - International Conference JKAE '94 (1994)
 - The Fourth International Workshop on Inductive Logic Programming ILP '94 (1994)

- Fifth International Workshop on Algorithmic Learning Theory ALT '94 (1994)
- Fourth International Workshop on Analogical and Inductive Inference for Program Synthesis AII '94 (1994)
- International Conference DEXA '93 (1993)
- European International Conference Design to Manufacture in Modern Industry (1993)
- 2007, Program Committee member,
 - Senior Program Committee for KDD-07, the 13th ACM SIGKDD International Conference on Knowledge Discovery and Data Mining
 - The 16th International World Wide Web Conference (WWW 2007)
 - The 30th Annual ACM Conference on Research and Development in Information Retrieval (SIGIR 2007)
 - The 29th European Conference on Information Retrieval (ECIR 2007)
 - The Tenth International Conference on Discovery Science (DS 2007)
- 2006, Program Committee member,
 - Senior Program Committee for ICML2006, the 23rd International Conference on Machine Learning
 - Vice-Chair for the 28th International Conference on Information Technology Interfaces ITI-2006
 - Twenty-First National Conference on Artificial Intelligence (AAAI 2006)
 - The Conference on Neural Information Processing Systems (NIPS 2006)
 - The 29th Annual ACM Conference on Research and Development in Information Retrieval (SIGIR 2006)
 - The 2006 International Conference on Adaptive Hypermedia and Adaptive Web-Based Systems (AH 2006)
 - IASTED International Conference on Artificial Intelligence and Applications (AIA 2006)
 - Coling/ACL2006 the joint conference of the International Committee on Computational Linguistics and the Association for Computational Linguistics
 - The third European STarting AI Researcher Symposium (STAIRS 2006)
 - The Sixth IEEE International Conference on Data Mining (ICDM 2006)
 - 28th European Conference on Information Retrieval (ECIR 2006)
 - The 17th European Conference on Machine Learning and the 10th European Conference on Principles and Practice of Knowledge Discovery in Databases (ECML/PKDD 2006)
 - The 3rd Annual European Semantic Web Conference (ESWC 2006)
 - The Ninth International Conference on Discovery Science (DS 2006)
 - The Second International Conference on Advanced Data Mining and Applications (ADMA 2006)
 - The International Conference on e-Business (ICE-B 2006)
- 2005, Program Committee member,
 - 16th European Conference on Machine Learning (ECML 2005)
 - 9th European Conference on Principles and Practice of Knowledge Discovery in Databases (PKDD 2005)
 - 11th ACM SIGKDD International conference on Knowledge discovery and Data Mining (KDD-2005)
 - 27th European Conference on Information Retrieval (ECIR 2005)
 - 28th Annual International ACM SIGIR (SIGIR 2005)
 - 9th European Conference on Research and Advanced Technology for Digital Libraries (ECDL 2005)
 - 2nd European Semantic Web Conference (ESWC 2005)

- *26th International Conference Information Technology Interfaces (ITI 2005)*
- *IASTED International Conference on Artificial Intelligence and Applications (AIA), Austria, 2005*
- *20th ACM symposium on Applied Computing, Special track on Information Access and Retrieval (SAC-IAR-2005)*
- *29th Annual Conference of the German Classification Society (GfKI 2005)*
- *ECML/PKDD-2005 Workshop on Knowledge Discovery and Ontologies (KDO-2005)*
- *IJCAI Workshop on Intelligent Techniques for Web Personalization (IJCAI-2005)*
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- 2004, Program Committee member,
 - *10th ACM SIGKDD International Conference on Knowledge Discovery and Data Mining (KDD 2004)*
 - *16th European Conference on Artificial Intelligence (ECAI 2004)*
 - *26th European Conference on Information Retrieval (ECIR 2004)*
 - *15th European Conference on Machine Learning (ECML 2004)*
 - *8th European Conference on Principles and Practice of Knowledge Discovery in Databases (PKDD 2004)*
 - *27th Annual International ACM SIGIR (SIGIR 2004)*
 - *1st European Semantic Web Symposium (ESWS 2004)*
 - *Fourth International Conference on Adaptive Hypermedia and Adaptive Web-based Systems (AH-2004), 2004*
 - *IADIS WWW/Internet Conference (ICWI 2004)*
 - *International Conference on Machine Learning and Applications (ICMLA'04)*
 - *6th IFIP International Conference on Information Technology for BALANCED AUTOMATION SYSTEMS in Manufacturing and Services (BASYS 2004)*
 - *Knowledge Based Computer Systems (KBCS 2004)*
 - *ICDM 2004 Workshop on Alternative Techniques for Data Mining*
 - *25th International Conference Information Technology Interfaces (ITI 2004)*
 - *AAAI 2004 Workshop on Semantic Web Personalization*
 - *ECML/PKDD 2004 Workshop on Statistical Approaches to Web Mining (SAWM 2004)*
- 2003, Program Committee member,
 - *8th International Joint Conference on Artificial Intelligence (IJCAI 2003)*
 - *9th ACM SIGKDD International Conference on Knowledge Discovery and Data Mining (KDD 2003)*
 - *Vice Chair of 3rd International Conference of Data Mining (ICDM 2003)*
 - *20th International Conference on Machine Learning (ICML 2003)*
 - *14th European Conference on Machine Learning (ECML 2003)*
 - *7th European Conference on Principles and Practice of Knowledge Discovery in Databases (PKDD 2003)*
 - *IADIS WWW/Internet Conference (ICWI 2003)*
 - *24th International Conference Information Technology Interfaces (ITI 2003)*
 - *IJCAI 2003 Workshop on Intelligent techniques for Web Personalization*
 - *KDD 2003 Workshop on Integrated Media Mining*
- 2002, Program Committee member,
 - *The Second International Conference of Data Mining (ICDM 2002)*
 - *15th European Conference on Artificial Intelligence (ECAI-02), Lyon, France*
 - *First Starting AI Researchers Symposium, (STAIRS'02), Lyon, France*

- *Second International Conference on Adaptive Hypermedia and Adaptive Web-based Systems (AH-2001)*, Malaga, Spain, May 29-31 2002
- *Intl. Conf. on Data Warehousing and Knowledge Discovery (DaWak 2002)*, Aix-en-Provence, France
- *PRO-VE'02 - 3rd IFIP Working Conference on Infrastructures for Virtual Enterprises*, Algarve, Portugal
- 2001, Program Committee member,
 - *Intl. Conf. on Data Warehousing and Knowledge Discovery (DaWak'2001)*, Munich, Germany
 - *First SIAM International Conference on Data Mining (SDM'2001)*, Chicago, USA
 - *SIGIR Workshop on Operational Text Classification Systems*, New Orleans, Louisiana, USA
 - *ECML 1998 Workshop on Upgrading Learning to the Meta-Level: Model Selection and Data Transformation*

Organizing and Chairing international events

- Co-chair of ECML-2007, *The 18th European Conference on Machine Learning*
- Tutorial chair for the *16th European Conference on Machine Learning* and the *9th European Conference on Principles and Practice of Knowledge Discovery in Databases (ECML/PKDD 2005)*
- Workshop and Tutorial Chair for *The 21st International Conference on Machine Learning (ICML 2003)*
- Workshop Chair for *The Sixteenth International Conference on Machine Learning (ICML 1999)*
- Program Chair and Organizing Committee member,
 - IJCAI-2007 Workshop on Text-Mining and Link-Analysis (TextLink-2007)
 - IJCAI-2007 Tutorial on Text Mining and Link Analysis for Web and Semantic Web by Dunja Mladenic, Marko Grobelnik
 - Slovenian KDD conference SiKDD-2006
 - KDD-2006 Workshop on Link Analysis: Dynamics and Static of Large Networks (LinkKDD-2006)
 - ECML/PKDD-2006 Workshop on Web Mining 2006 (WebMine 2006)
 - ECML/PKDD-2005 Workshop on European Web Mining Forum 2005 (EWMF 2005)
 - KDD-2005 Workshop on Link Analysis and Link Detection (LinkKDD-2005)
 - AAAI-2005 Workshop on Link Analysis
 - Slovenian KDD conference SiKDD-2005
 - KDD 2004 Workshop on Link Analysis and Group Detection
 - Slovenian KDD conference SiKDD-2004
 - IJCAI 2003 Workshop on Text-Mining and Link-Analysis
 - KDD 2003 Workshop on Operational Text Classification
 - KDD 2003 Workshop on Link Analysis
 - ECML/PKDD-2003 First European Web Mining Forum (WebMine-2003)
 - ECML/PKDD-2003 Workshop on Multimedia Discovery and Mining
 - ICML-2002 Workshop on Text Learning (TextKDD-2002)
 - Slovenian KDD conference SiKDD-2002
 - ICDM'2001 Workshop on Text Mining (TextDM 2001), San Jose, CA, USA
 - ECML/PKDD Workshop Integrating Aspects of Data Mining, Decision Support and Meta-Learning (IDDM 2001), Freiburg, Germany
 - IS2001 Conference on Data Mining and Decision Support in Action!, Ljubljana, Slovenia.
 - IS 2001 Conference on Analyzing, warehousing and mining the data, Ljubljana, Slovenia.
 - IS 2001 Information Society Conference, Ljubljana, Slovenia

- KDD'2000 Workshop on Text Mining, Boston, MA, USA
- IS 2000 Information Society Conference, Ljubljana, Slovenia.
- ICML 1999 The Sixteenth International Conference on Machine Learning (ICML'99)
- IS 1999 Information Society Conference, Ljubljana, Slovenia.
- ICML 1999 Workshop on Recent Advances in Meta-Learning and Future Work
- ICML 1999 Workshop on Machine Learning in Text Data Analysis
- IS 1999 Conference on Analyzing, warehousing and mining the data, Ljubljana, Slovenia
- IS 1998 Information Society Conference, Ljubljana, Slovenia
- Organization Committee member,
 - *CADAM'95 Conference on Computer-Aided Data Analysis in Medicine*, Bled, Slovenia.
 - *ILP 1993 The Third International Workshop on Inductive Logic Programming*, Bled, Slovenia.

Selected bibliography

Journals

1. Grobelnik, Marko, Mladenić, Dunja. Simple Classification Into Large Topic Ontology of Web Documents. *Cit. J. Comput. Inf. Technol.*, 2005, Vol. 13, pp. 279-285.
2. Fortuna, Blaž, Mladenić, Dunja, Grobelnik, Marko. Visualization of Text Document Corpus. *Informatica (Ljublj.)*, 2005, Vol. 29, No. 4, pp. 497-502.
3. Davies, J., Duke, Alistair, Kings, Nick, Mladenić, Dunja, Bontcheva, Kalina, Grčar, Miha, Benjamins, Richard, Contreras, Jesus, Blazques Cívico, Mercedes, Glover, Tim. Next Generation Knowledge Access. *J. Knowl. Manag.*, 2005, Vol. 9, pp. 64-84
4. Grobelnik, Marko, Mladenić, Dunja. Automated Knowledge Discovery in Advanced Knowledge Management. *J. Knowl. Manag.*, 2005, Vol. 9, pp. 132-149.
5. Ghani, Rayid, Jones, Rosie, Mladenić, Dunja. Building Minority Language Corpora by Learning to Generate Web Search Queries. *Knowledge And Information Systems*, 2005, Vol. 7, pp. 56-83.
6. Grobelnik, Marko, Mladenić, Dunja. Visualization of News Articles. *Informatica (Ljublj.)*, 2004, Vol. 28, No. 4, pp. 375-380.
7. Mladenić, Dunja. How to Approach Data Analysis of Texts. *Zb. Rad. - Fak. Organ. Inform. Varažd.*, 2004, Vol. 28, pp. 123-134.
8. Mladenic, D., Grobelnik, M: Feature selection on hierarchy of web documents. *Decision. support systems*, 2003, vol. 35, pp. 45-87.
9. Mladenic, D., Eddy, W.F., Ziolko, S.: Data mining of baskets collected at different locations over one year. *Informatica journal*, 2001, vol. 25, no. 3, pp. 365-369.
10. Mladenic, D., Grobelnik, M: Assigning keywords to documents using machine learning. *Zb. rad. - Fak. organ. inform. Varažd.*, 1999, vol. 23, pp. 123-131.
11. Mladenic, D.: Text-learning and related intelligent agents. *IEEE Expert/Intelligent Systems & Their Applications*, Special Issue on Applications of Intelligent Information Retrieval, July-August 1999.
12. Joachims, T., Mladenic, D.: Browsing-Assistenten, Tour Guides und Adaptive WWW-Server. *Kunstliche Intelligenz Journal*, Special Issue Intelligent Information Agents, (pp. 23-29), 1998.
13. Sluga, A., Jermol, M., Zupanic, D., Mladenic, D.: Machine Learning approach to machinability analysis. *Computers in industry, an international application oriented research journal*, vol. 37, (pp. 185-196), 1998.
14. Mladenic, D., Solina, F.: Visualization in machine learning. *Electrotechnical review Journal*, 59:5, (pp. 308-313), 1992.

Books

1. Mladenic, D. Lavrač, N., Bohanec, M., Moyle, S. (eds.). *Data mining and decision support : integration and collaboration*, (The Kluwer international series in engineering and computer science, secs 745). Boston; Dordrecht; London: Kluwer Academic Publishers, 2003.
2. Berendt, Bettina, Hotho, Andreas, Mladenić, Dunja, Someren, Maarten W. Van, Spiliopoulou, Myra, Stumme, Gerd. (eds.) *Web Mining : From Web To Semantic Web : First European Web Mining Forum, Ewmmf 2003, Cavtat-Dubrovnik, Croatia, September 22, 2003 : Invited And Selected Revised Papers*, (Lecture Notes In Artificial Inteligence, Lecture Notes In Computer Science, Vol. 3209). Berlin; Heidelberg; New York: Springer, 2004, pp. 1-22.
- 3.

Book chapters

1. Pilih, I, Mladenic, D., Lavrac, N., Prevec, T.S. Data analysis of patients with severe head injury. In: Lavrac, N. Keravnou, E., Zupan, B. (ueds.). *Intelligent Data Analysis in Medicine and Pharmacology*. Kluwer Academic Publishers, 1997, pp. 131-148.
2. Mladenic, D. Web browsing using machine learning on text data. In Szczepaniak, P.S. (ed.) *Intelligent exploration of the web*, (Studies in fuzziness and soft computing, vol. .111). New York; Heidelberg: Physica-Verlag, 2002, pp. 288-303.

3. Mladenic, D., Grobelnik, M. Text and web mining. In Mladenic, D. Lavrač, N., Bohanec, M., Moyle, S. (eds.). *Data mining and decision support : integration and collaboration*, (The Kluwer international series in engineering and computer science, secs 745). Boston; Dordrecht; London: Kluwer Academic Publishers, 2003, pp. 13-14.
4. Flach, P., Grobelnik, M., Kavsek, B., Lavrac, N., Ljubic, P., Mladenic, D., Todorovski, L. On the road to knowledge: mining 21 years of UK traffic accident reports. In Mladenic, D. Lavrač, N., Bohanec, M., Moyle, S. (eds.). *Data mining and decision support : integration and collaboration*, (The Kluwer international series in engineering and computer science, secs 745). Boston; Dordrecht; London: Kluwer Academic Publishers, 2003, pp.143-155.
5. Grobelnik, M., Mladenic, D. Analysis of a database of research projects using text mining and link analysis. In Mladenic, D. Lavrač, N., Bohanec, M., Moyle, S. (eds.). *Data mining and decision support : integration and collaboration*, (The Kluwer international series in engineering and computer science, secs 745). Boston; Dordrecht; London: Kluwer Academic Publishers, 2003, pp. 157-166.
6. Jorge, A., Alves, M.A., Grobelnik, M., Mladenic, D., Petrak, J.. Web site access analysis for a national statistical agency. In Mladenic, D. Lavrač, N., Bohanec, M., Moyle, S. (eds.). *Data mining and decision support : integration and collaboration*, (The Kluwer international series in engineering and computer science, secs 745). Boston; Dordrecht; London: Kluwer Academic Publishers, 2003, pp.167-176.
7. Mladenic, D., Lavrac, N., Bohanec, M.. Lessons learned from data mining, decision support and collaboration. In Mladenic, D. Lavrač, N., Bohanec, M., Moyle, S. (eds.). *Data mining and decision support : integration and collaboration*, (The Kluwer international series in engineering and computer science, secs 745). Boston; Dordrecht; London: Kluwer Academic Publishers, 2003, pp. 237-246.
8. Jorge, A., Bojadziev, D., Mladenic, D. Internet support to collaboration : a knowledge management and organizational memory view. In Mladenic, D. Lavrač, N., Bohanec, M., Moyle, S. (eds.). *Data mining and decision support : integration and collaboration*, (The Kluwer international series in engineering and computer science, secs 745). Boston; Dordrecht; London: Kluwer Academic Publishers, 2003, pp.247-259.
9. Berendt, Bettina, Hotho, Andreas, Mladenić, Dunja, Someren, Maarten W. Van, Spiliopoulou, Myra, Stumme, Gerd. A Roadmap For Web Mining : From Web To Ssemantic Web. In: Berendt, Bettina, Hotho, Andreas, Mladenić, Dunja, Someren, Maarten W. Van, Spiliopoulou, Myra, Stumme, Gerd (eds.). *Web Mining : From Web To Semantic Web : First European Web Mining Forum, Ewmf 2003, Cavtat-Dubrovnik, Croatia, September 22, 2003 : Invited And Selected Revised Papers*, (Lecture Notes In Artificial Intelligence, Lecture Notes In Computer Science, Vol. 3209). Berlin; Heidelberg; New York: Springer, 2004, pp. 1-22.
10. Mladenić, Dunja, Grobelnik, Marko. Mapping Documents Onto Web Page Ontology. In: Berendt, Bettina, Hotho, Andreas, Mladenić, Dunja, Someren, Maarten W. Van, Spiliopoulou, Myra, Stumme, Gerd (eds.). *Web Mining : From Web To Semantic Web : First European Web Mining Forum, Ewmf 2003, Cavtat-Dubrovnik, Croatia, September 22, 2003 : Invited And Selected Revised Papers*, (Lecture Notes In Artificial Intelligence, Lecture Notes In Computer Science, Vol. 3209). Berlin; Heidelberg; New York: Springer, 2004, pp. 77-96.
11. Mladenić, Dunja, Kavčič-Čolić, Alenka, Grobelnik, Marko. Initiatives To Preserve Slovenian Digital Heritage. In: Cunningham, Paul, Cunningham, Miriam (eds.). *Innovation And Knowledge Economy: Issues, Applications, Case Studies*, (Information And Communication Technologies And The Knowledge Economy). Amsterdam [Etc.]: Ios Press, 2005, pp. 993-998.
12. Mladenić, Dunja, Grobelnik, Marko. Summarization And Visualization. V: Zanasi, A. (ed.). *Text Mining And Its Applications To Intelligence, Crm And Knowledge Management*, (Advances In Management Information, Vol. 2). Southampton; Boston: Wit, 2003, pp. 131-143.
13. Mladenić, Dunja. Text Mining - Machine Learning On Document. In: Wang, John (ed.). *Encyclopedia Of Data Warehousing And Mining*. Hershey [Etc.]: Idea Group Reference, Cop. 2006, pp. 1109-1112.

Conference proceedings

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