

CURRICULUM VITAE

AND LIST OF PUBLICATIONS



January 2024



Prof DDr Arno Scharl

webLyzard technology gmbh
www.weblyzard.com
scharl@weblyzard.com

Modul University Vienna, Research
Center for New Media Technology
www.modul.ac.at/nmt
scharl@modul.ac.at

webLyzard
technology

MODUL
UNIVERSITY
PRIVATE UNIVERSITY VIENNA

Date and Place of Birth

December 5, 1970 (Vienna, Austria)

Academic Qualifications



10/90 - 09/00	Vienna University of Economics and Business
	Habilitation: <i>Venia docendi</i> (September 28, 2000) Doctorate: <i>Dr. rer. soc. oec.</i> (with honors on March 14, 1997) Master: <i>Mag. rer. soc. oec.</i> (July 6, 1995) Major: Business Administration (Management Information Systems, Information Economics)
10/91 - 09/98	University of Vienna – Department of Sports Sciences
	Doctorate: <i>Dr. rer. nat.</i> (with honors on September 28, 1998) Master: <i>Mag. rer. nat.</i> (with honors on July 5, 1995) Major: Sports Sciences (Sports Administration, Sports Physiology)
09/93 - 12/93	New York University – Leonard N. Stern School of Business
NYU STERN	Lectures and seminars of the graduate division (MBA program, 15 credits).

Employment and Education

08/08 - dato	Managing Partner, <i>webLyzard technology gmbh</i> ; A-1190 Vienna, Austria.
01/23 - dato	Managing Partner, <i>Storypact GmbH</i> ; A-1190 Vienna, Austria.
08/07 - dato	Professor of Information Systems; <i>Modul University Vienna, Research Center for New Media Technology</i> ; A-1190 Vienna, Austria. <ul style="list-style-type: none"> ▪ Director, Research Center for New Media Technology (01/21-dato) ▪ Head, Department of New Media Technology (08/07-12/20) ▪ Dean, MBA in New Media Technology (08/07-08/13) ▪ Vice President (08/07-07/12)
03/22 - dato	Honorary Professor, <i>University College London (UCL), Institute for Global Prosperity</i> ; London W1T 7NE, United Kingdom.
03/06 - 07/07	Professor of New Media & Knowledge Management at <i>Graz University of Technology, Institute for Knowledge Management</i> ; A-8010 Graz, Austria.
03/06 - 07/07	Key Researcher at the <i>Know-Center, the Austrian K+ Competence Center for Knowledge Management</i> ; A-8010 Graz, Austria.
01/06 - 02/06	Visiting Professor at the <i>University of Western Australia, School of Computer Science and Software Engineering</i> ; Crawley, WA 6009, Australia.
11/05 - 12/05	Visiting Professor at <i>Graz University of Technology, Institute for Information Systems and Computer Media</i> ; A-8010 Graz, Austria.
07/05 - 10/05	Associate Professor at <i>Vienna University of Economics & Business</i> (see 09/00 – 10/01).
01/03 - 06/05	Professor of Information Systems at the <i>University of Western Australia, School of Economics & Commerce and Graduate School of Management</i> ; Crawley, Australia.
07/02 - 12/02	Associate Professor at <i>Vienna University of Economics & Business</i> (see 09/00 – 10/01).

- 11/01 - 06/02 Visiting Professor at the *University of Notre Dame Australia, School of Electronic Commerce*; Fremantle, Australia.
- 09/00 - 10/01 Associate Professor at *Vienna University of Economics and Business, Information Systems Department* (tenured); Vienna, Austria.
- 04/00 - 08/00 Assistant Professor at *Vienna University of Economics and Business, Information Systems Department* (Electronic Commerce Research Group); Vienna, Austria.
- 10/99 - 03/00 Visiting Research Fellow at *Curtin University of Technology, Curtin Business School, Electronic Commerce Network*; Perth, Australia.
- Erwin Schrödinger Research Grant (Austrian Science Fund).
 - OeNB-WU Research Prize (Austrian National Bank, Vienna Univ. of Economics and Business).
- 04/99 - 09/99 Visiting Scholar at the *University of California at Berkeley, Walter A. Haas School of Business, Fisher Center for Information Technology & Market Place Transformation*; Berkeley, USA.
- Erwin Schrödinger Research Grant (Austrian Science Fund).
 - OeNB-WU Research Prize (Austrian National Bank, Vienna Univ. of Economics and Business).
- 10/98 - 03/99 Visiting Research Fellow at *Curtin University of Technology* (see 10/99 – 03/00).
- 10/96 - 09/98 Assistant Professor at *Vienna University of Economics and Business, Information Systems Department*; Vienna, Austria. Research groups: “Strategic Information Management” (10/96 – 02/97) and “Electronic Commerce” (03/97 – 09/98).
- 08/96 - 09/96 Intern at the *Austrian Trade Commission* in Vancouver, B.C. V6C 1S4, Canada. Market research, revision of sales strategies, IT-consulting with special regard to the potential of the Internet for reorganizing internal processes.
- 05/96 - 07/96 University Assistant (Doctoral Student and Lecturer) at the *Vienna University of Economics and Business, Information Systems Department*; Vienna, Austria. Research group: “Office and Mass Information Systems”.
- 07/90 - 02/91 Military duty at the *Theresianische Militärakademie*; Wiener Neustadt, Austria (Military Academy, Department of Continuing Education). Database implementation and maintenance, design of presentation material.
- 04/89 - 07/92 Instructor at the *Computer School Donauzentrum*; Vienna, Austria. Major topics: operating systems, standard software, programming languages (BASIC, Pascal, Modula-II), multimedia; conceptual and typographic design of learning material.
- 09/85 - 07/90 Bundeshandelsakademie, A-2500 Baden, Austria. Reifeprüfung (equivalent to International Baccalaureate or A levels) with honors on June 7, 1990.
- 09/81 - 07/85 Realgymnasium der Salesianer Don Boscos, A-2442 Unterwaltersdorf, Austria (equivalent to Secondary High School).
- 09/77 - 07/81 Primary School, A-2601 Sollenau, Austria.

Research Projects

- 09/22 - 08/27  **TransMIXR – Ignite the Immersive Media Sector by Enabling New Narrative Visions** (Horizon Europe) will provide a distributed environment for immersive content co-creation and consumption. Ground-breaking AI techniques for understanding, processing and visualizing complex media content will enable the reuse of heterogeneous assets across immersive content delivery platforms.
- 09/22 - 08/27  **ENEXA – Efficient Explainable Learning on Knowledge Graphs** (Horizon Europe). Explainable Artificial Intelligence is key to achieving a human-centered and ethical development of digital and industrial solutions. ENEXA builds upon novel and promising results in knowledge representation and machine learning to develop scalable, transparent and explainable machine learning algorithms for knowledge graphs.

- 09/22 - 08/27
 **Climateurope2** **Climateurope2 – Supporting & Standardizing Climate Services in Europe** (Horizon Europe) addresses the timely delivery of climate knowledge in support of the European Green Deal. A semantic search tool will help to analyze the climate services market, based on multilingual content ingestion and text mining capabilities to discover key actors and their climate services.
- 05/22 - 04/25
 **AI-CENTIVE** **AI-CENTIVE – Incentivization for Sustainable Mobility** (FFG AI for Green) builds and manages a mobility data ecosystem to enable new incentivization approaches that promote sustainable mobility. The project’s core innovations help classify and customize incentives to reduce carbon emissions from the use of private cars and fossil fuel-based means of transportation.
- 05/22 - 04/25
 **SDG-HUB** **SDG-HUB – AI-Driven Semantic Search & Visualization to Support Sustainable Development Goals** (FFG AI for Green) will build a knowledge base to address socio-ecological challenges and climate mitigation goals. New AI methods will be used for disambiguation, relation extraction and explainable bias detection, providing insights into stakeholder perceptions and enabling ongoing progress monitoring.
- 12/21 - 11/24
 **CRISP** **CRISP – Crisis Response and Intervention Supported by Semantic Data Pooling** (FFG ICT of the Future) extracts and classifies disaster signals and perceptions from news and social media content, combined with weather observations of *Austria’s National Weather & Geophysical Service (ZAMG)*. The semantic integration of structured/unstructured data assets will be performed by means of a knowledge graph.
- 10/21 - 09/24
 **W|W|T|F** **DWBI Vienna – A Digital Well-Being Index for Vienna** (WWTF) uses semantic technologies and knowledge graphs to extract regional indicators of subjective well-being across online channels. Automatically mapped to existing indicators, the captures knowledge will complement and enrich surveys and traditional assessment methodologies – with a focus on policy-related and humanistic aspects.
- 09/21 - 08/24
 **CRITERIA** **CRiTERIA – Comprehensive Data-Driven Risk and Threat Assessment Methods** (EU H2020) seeks to strengthen and expand existing risk analysis methods by introducing new computational approaches based on qualitative evidence (e.g., narrative analysis) in conjunction with composite indicators such as sentiment analysis and prediction, taking into account risk interaction and risk cascading assessments.
- 01/20 - 12/22
 **inDICES** **inDICES – Measuring the Impact of Digital Culture** (EU H2020) aims to empower policy makers and professional stakeholders in the cultural and creative industries, helping them to fully understand the social and economic impact of digitisation on their sector. The project addresses the need for innovative (re)use of cultural assets, and for new tools to monitor engagement and public perception of these assets.
- 01/20 - 12/22
 **GENTIO** **GENTIO – Generative Learning Networks for Text & Impact Optimization** (FFG ICT of the Future) aims to change the way we produce, enrich and analyze digital content. The project will develop a deep learning architecture to unify the understanding of text at three fundamental levels: structure, content and context. This will yield quantitative methods to maximize the impact of data-driven publishing.
- 01/21 - 09/22
 **OPTUS** **OPTUS – Impact Optimization Platform for US Corporations & Federal Agencies** (aws technology) will provide new methods to amplify the impact of digital content through data-driven content targeting and redistribution. These methods will not only help to reach new audiences, but also to get a more nuanced understanding of what drives the public debate and how products and services are being perceived.
- 01/19 - 12/21
 **eVOLVE** **EVOLVE – Leading the Big Data Revolution** (EU H2020) advances the state of the art in *High-Performance Computing (HPC)* and *Cloud-Based Big Data* by building a large-scale test bed that will host massive data sets from selected application areas that are particularly demanding in terms of complexity and computational requirements. Novel visual tools will help to make sense of these massive data sets.

01/19 – 06/22

EPOCH

EPOCH – Extracting & Predicting Events from Online Communication & Hybrid Datasets (FFG ICT of the Future) measures the effects on statistical indicators of events being reported in news and social media. It identifies future events detected in the public dialogue and provides a dashboard to analyze these events to guide communications and marketing activities, and to forecast purchase prices.

07/18 - 12/21

ecoMove

EcoMove – Predicting Mobility Bottlenecks (FFG Mobility of the Future) develops knowledge-based solutions for efficient and environmentally sustainable movement in cities, providing customized information services on available mobility options. Real-time recommendations for delaying, avoiding or taking alternative options are presented to city residents, visitors and professional stakeholders.

01/18 - 12/20

ReTV

ReTV – Enhancing and Repurposing TV Content (EU H2020) provides broadcasters with new methods to repurpose content for an array of vectors (digital channels), and a *Trans-Vector Platform* (TVP) to publish to all media vectors with the effort of one. The project will empower media organizations and brands to continuously measure and predict their success in terms of reach and audience engagement.

01/18 - 06/20

SONAR

SONAR – Semantic Observatory for News Analytics & Repurposing (Google Digital News Initiative). The project supports balanced news reporting and develops methods to increase the impact of digital content assets. It provides real-time visualization services for journalists, including recommendations where and how to publish digital assets containing these visualizations. This will guide the production of new content and support the repurposing of existing digital assets.

01/16 - 12/18

InVID

InVID – In Video Veritas (EU H2020). *Verification of Social Media Video Content for the News Industry*. This Innovation Action builds Web-based applications to automatically identify newsworthy video content spread via social media, confirming or rejecting its credibility using state-of-the-art analytical techniques. Within InVID, webLyzard leads platform development and overall system integration, leveraging the existing video retrieval capabilities of its Web Intelligence platform.

03/14-02/17

asa

ASAP – Adaptive, Highly Scalable Analytics Platform (EU FP7) builds a unified, open-source execution framework for scalable data analytics. It incorporates and advances state-of-the-art programming model features, including resource elasticity, fault tolerance and the ability to handle large sets of irregularly distributed data. Business analysts can assess cost and performance of computational resources and render advanced visualizations to obtain accurate results in real time.

01/14 - 12/16

PHEME

PHEME – Computing Veracity across Media, Languages, and Social Networks (EU FP7). Analyzing big data repositories aggregated from short, context-dependent social media postings poses three major computational challenges: volume, velocity, and variety. This project focuses on a fourth, hitherto largely unstudied, challenge: veracity. It models and verifies phemes (Internet memes with information on truthfulness or deception), as they spread across media, languages, and social networks.

01/16-12/16

US ELECTION 2016

US Election 2016 Web Monitor. Like no other Presidential Election in recent history, the campaigns of Hillary Clinton and Donald Trump polarized the global dialogue and resulted in heated discussions on social media platforms. To analyze these discussions, we processed more than 135 million Twitter postings and news media articles to reveal how citizens and journalists perceived the presidential race.

05/15 - 04/16

UN environment

SDG Web Intelligence (UNEP). The *United Nations Environment Programme* has adopted the webLyzard platform to build a pioneering Web intelligence portal for global environmental indicators and related communication flows. The portal helps stakeholders to meet Sustainable Development Goals (SDGs) by extracting public opinion trends on air quality, biodiversity and climate change.

10/13 - 09/16



DecarboNet – Citizen Empowerment and Translating Collective Awareness into Behavioral Change (EU FP7) identifies determinants of collective awareness and provides new methods to analyze the underlying processes. Core innovations are built around a context-specific repository of carbon reduction strategies. To refine this repository, we will utilize citizen-generated content in a societal feedback loop to enable an adaptive process of social innovation.

- Austrian Sustainability Award 2016 – 2nd Prize ‘Communication & Decision Support’

01/05 - dato



Media Watch on Climate Change (www.ecoresearch.net/climate): To increase awareness and the availability of environmental knowledge, the *Media Watch on Climate Change* provides a continuously updated account of online coverage on climate change and related issues. The portal aggregates, filters and visualizes environmental content from various sources including Anglo-American news media sites, blogs, Web 2.0 platforms (Facebook, Twitter, Google+, YouTube), environmental organizations, and Fortune 1000 companies.

- Austrian National Award for Multimedia and e-Business 2009: Jury Prize in the category ‘Energy, Climate and Environment’ (www.multimedia-staatspreis.at).
- Finalist of the Semantic Web Challenge 2007 (challenge.semanticweb.org).
- Winner of the Digital Earth 3D Visualization Challenge 2007, held in conjunction with the 5th International Symposium on Digital Earth (www.isde5.org).

11/12 - 10/15



uComp – Embedded Human Computation for Knowledge Extraction and Evaluation (CHIST-ERA; www.ucomp.eu). The project will merge collective human intelligence and automated knowledge extraction methods in a symbiotic fashion. It will develop a scalable human computation framework for knowledge extraction and evaluation, delegating the most challenging tasks to large user communities and continuously learning from the users’ feedback to optimize automated methods as part of an iterative process.

07/11 - 12/13



DIVINE – Dynamic Integration & Visualization of Information from Multiple Evidence Sources (FFG; www.weblyzard.com/divine). Big data analysts rely on combining multiple data sources to build comprehensive and properly interlinked information spaces. This requires methods to integrate these sources. The project provides such methods with a lightweight seed ontology acting as the focal point for integrating new evidence from structured, unstructured and social sources.

03/10 - 11/12



Climate Change Collaboratory (ACRP; www.ecoresearch.net/triple-c). This project builds tools to jointly manage expert knowledge. Innovative survey instruments in the tradition of “games with a purpose” create shared meaning through collaborative ontology building and leverage the extensive user base of social networking platforms to capture indicators of environmental attitudes, lifestyles and behaviors.

01/03 - dato



ECOresearch Network (www.ecoresearch.net). The interdisciplinary *Research Network on Environmental Online Communication* brings together scientists of different backgrounds to explore the development and evaluation of networked information systems that advocate sustainability and the protection of natural ecosystems. The network supports the research activities of its members and identifies synergies between projects.

01/08 - 06/10



RAVEN – Relation Analysis and Visualization for Evolving Networks (FFG). RAVEN keeps analysts and decision-makers up to date about the unfolding of events in endogenous and exogenous information spaces, which reflect interconnected events and processes of the real world. RAVEN aims to understand the evolution of such information spaces by analyzing and visualizing temporal-semantic relations between their elements.

10/07 - 04/09



US Election 2008 Web Monitor (www.ecoresearch.net/election2008) embraces the influential role of social media in presidential elections and analyzes the online coverage by different stakeholders. The system captures the Web sites of news media, Fortune 1000 companies, NGOs and political blogs. For each candidate, it extracts sentiment and associated keywords from a large repository of Web resources.

- Austrian National Award for Multimedia and e-Business 2008: First Prize in the category 'Online Communities, Web 2.0 and Social Networks' (www.multimedia-staatspreis.at)

10/06 - 04/08



IDIOM - Information Diffusion across Interactive Online Media (FFG; www.idiom.at). Linguists define "idiom" as expression whose meaning differs from the literal meanings of its component words. Similarly, the study of information diffusion promises insights that cannot be inferred from individual network elements. Media monitoring projects often focus on a particular medium or neglect important aspects of the human language. IDIOM addresses these gaps to reveal fundamental mechanisms of information diffusion across media with distinct interactive characteristics (Web Sites, RSS feeds, blogs etc.).

01/06 - 12/07



AVALON - Acquisition & Validation of Ontologies (FFG; www.weiblyzard.com/avalon): Valuable knowledge that surrounds the workflows of business entities can be extracted automatically and represented as ontological structure. The methodology is built upon a cybernetic control system to automatically align extracted knowledge with business processes, external indicators and individual expertise. The project's adaptive services are particularly useful in volatile business environments, which require dynamic reconfiguration of business processes and a flexible allocation of resources.

07/04 - 12/04



US Election 2004 Web Monitor (www.ecoresearch.net/election2004). How do international media, the Fortune 1000 and environmental organizations tailor electronic content to fit their political agenda? To answer this question, the *US Election 2004 Web Monitor* processed more than 125 million words in 11 million sentences. Estimates of attention and attitude towards presidential candidates complemented keywords summarizing the main issues associated with each candidate.

10/02 - 03/04



ECOInvest: Conceptual development of an independent investment portal for socially and ecologically responsible investments; in a joint effort with the *Austrian Society for Environment and Technology* and the *Austrian Federal Ministry of Agriculture, Forestry, Environment and Water Management*, the project also evaluated and compared the applicability of open-source content management systems.

07/02 - 01/03



La Gamba Relaunch (www.lagamba.at). With special regard to the organizational structure of small scientific institutions and regional peculiarities of the *Tropical Station La Gamba* in Costa Rica, this project pursued the following goals: Analysis of organizational structures, reorganization of information flows, and development of an interactive platform including reservation system and research database.

01/01 - 03/02



European eContent Tourism Survey: Longitudinal survey on behalf of the *Austrian Federal Economic Chamber*, which contrasted a sample of 500 Austrian tourism sites with the international competition. Selected results were presented at the *European Forum Alpbach* in August 2001 (www.alpbach.org).

03/97 - 01/98



Electronic Market Transactions: Reference modeling of interactive Web sites for the food retail industry; based on an initial assessment of standardized solutions to build and maintain electronic transaction systems.

10/96 - 01/97



Xerox.at: Conceptual development and technical implementation of a Web-based information system for *Rank Xerox Austria*, built on top of the Lotus Notes (Domino) server architecture.

09/95 - 12/96



MotoMIR: Data analysis and interpretation at the *Department of Sports Physiology of the University of Vienna* to develop models of muscular atrophy under conditions of microgravity (part of the Austro-Russian aerospace cooperation).

Teaching Experience

Modul University Vienna

- 08/18 - dato Search Engine Optimization and Marketing (MBA Unit, 3 Credits).
- 08/13 - dato Social Media Intelligence (MBA Unit, 3 Credits).
- 01/16 - dato Knowledge Extraction and Verification (PhD Seminar, 2 Credits).
- 03/08 - 06/14 e-Business (BBA Lecture, 3 Credits).
- 08/10 - 08/12 Online Collaboration, Virtual Communities & Social Networks (MBA Unit, 3 Credits).
- 05/10 - 08/11 Electronic Content Production (MBA Unit, 3 Credits).
- 08/08 - 09/08 Web Mining and Media Monitoring (MBA Unit, 3 Credits).

Graz University of Technology

- 10/06 - 06/07 Electronic Commerce (Lecture and Seminar, 3 Credits).
- 03/06 - 06/06 Knowledge Management Applications (Lecture and Seminar, 3 Credits).

University of Western Australia

- 03/05 - 06/05 Special Topics in Marketing – Web Intelligence (Postgraduate Unit, 3 Credits).
- 03/03 - 06/05 Marketing Information Systems (Undergraduate Unit, 3 Credits).
- 10/04 - 01/05 Electronic Commerce (MBA Unit, 3 Credits).
- 02/03 - 01/04 Information Management (MBA Unit, 3 Credits).

Vienna University of Economics and Business

- 10/02 - 01/03 Introduction to Corporate Information Systems (Lecture, 2 Credits).
- 10/02 - 01/03 Information Systems Analysis (Lecture, 2 Credits).
- 03/01 - 01/03 Web Engineering (Lecture and Seminar, 2 Credits).
- 10/96 - 01/03 Management Information Systems Seminar with Special Regard to Methodological and Theoretical Aspects (Seminar, 2 Credits).
- 10/96 - 07/01 Electronic Data Processing: Operating Systems, End-User Tools and Internet-based Information Services (Seminar, 2 Credits).
- 10/97 - 07/98 Business Process Modeling (Lecture, 2 Credits).
- 10/97 - 07/98 Problem Solving with End-User Tools (Lecture and Seminar, 2 Credits).

Curtin University of Technology

- 10/99 - 12/99 Electronic Commerce & Web Site Management: Co-supervision of a project to assess and apply commercial Web development tools (seminar, 2 credits).

List of Publications

Refereed Journals

1. Weichselbraun, A., Steixner, J., Braşoveanu, A.M.P., Scharl, A., Göbel, M. and Nixon, L.J.B. (2022). "Automatic Expansion of Domain-Specific Affective Models for Web Intelligence Applications", *Cognitive Computation*, 14(1): 228-245.
2. Önder, I., Gunter, U. and Scharl, A. (2019): "Forecasting Tourist Arrivals with the Help of Web Sentiment: A Mixed-Frequency Modeling Approach for Big Data", *Tourism Analysis*, 24(4): 437-452.
3. Weichselbraun, A., Gindl, S., Fischer, F., Vakulenko, S. and Scharl, A. (2018). "Aspect-Based Extraction and Analysis of Affective Knowledge from Social Media Streams", *IEEE Computing Edge*, 4(10): 22-30. [reprint of 2017 IEEE Intelligent Systems article].
4. Scharl, A., Herring, D., Rafelsberger, W., Hubmann-Haidvogel, A., Kamolov, R., Fischl, D., Föls, M. and Weichselbraun, A. (2017). "Semantic Systems and Visual Tools to Support Environmental Communication", *IEEE Systems Journal*, 11(2): 762-771.
5. Weichselbraun, A., Gindl, S., Fischer, F., Vakulenko, S. and Scharl, A. (2017). "Aspect-Based Extraction and Analysis of Affective Knowledge from Social Media Streams", *IEEE Intelligent Systems*, 32(3): 80-88.
6. Brasoveanu, A.M.P., Sabou, M., Scharl, A., Hubmann-Haidvogel, A. and Fischl, D. (2017). "Visualizing Statistical Linked Knowledge for Decision Support", *Semantic Web Journal*, 8(1): 113-137.
7. Sabou, M., Onder, I., Brasoveanu, A. and Scharl, A. (2016). "Towards Cross-Domain Decision Making in Tourism: A Linked Data Based Approach", *Information Technology and Tourism*, 16(1): 71-101.
8. Scharl, A., Hubmann-Haidvogel, A., Jones, A., Fischl, D., Kamolov, R., Weichselbraun, A. and Rafelsberger, W. (2016). "Analyzing the Public Discourse on Works of Fiction – Automatic Emotion Detection in Online Media Coverage about HBO's Game of Thrones", *Information Processing & Management*, 52(1): 129-138. [BEST PAPER AWARD, HONORABLE MENTION]
9. Weichselbraun, A., Streiff, D. and Scharl, A. (2015). "Consolidating Heterogeneous Enterprise Data for Named Entity Linking and Web Intelligence", *International Journal on Artificial Intelligence Tools*, 24(2): 1540008 | 1-31.
10. Weichselbraun, A., Gindl, S. and Scharl, A. (2014). "Enriching Semantic Knowledge Bases for Opinion Mining in Big Data Applications", *Knowledge-Based Systems*, 69: 78-85.
11. Scharl, A., Hubmann-Haidvogel, A., Sabou, M., Weichselbraun, A. and Lang, H.-P. (2013). "From Web Intelligence to Knowledge Co-Creation – A Platform to Analyze and Support Stakeholder Communication", *IEEE Internet Computing*, 17(5): 21-29.
12. Weichselbraun, A., Gindl, S. and Scharl, A. (2013). "Extracting and Grounding Context-Aware Sentiment Lexicons", *IEEE Intelligent Systems*, 28(2): 39-46.
13. Sabou, M., Scharl, A. and Föls, M. (2013). "Crowdsourced Knowledge Acquisition: Towards Hybrid-Genre Workflows", *International Journal on Semantic Web and Information Systems*, 9(3): 14-41.
14. Wohlgenannt, G., Weichselbraun, A., Scharl, A. and Sabou, M. (2012). "Dynamic Integration of Multiple Evidence Sources for Ontology Learning", *Journal of Information and Data Management*, 3(3): 243-254.

15. Syed, K., Kröll, M., Sabol, V., Scharl, A., Gindl, S., Granitzer, M. & Weichselbraun, A. (2012). "Incremental and Scalable Computation of Dynamic Topography Information Landscapes", *Journal of Multimedia Proc. & Technologies*, 3(1): 49-65.
16. Weichselbraun, A., Gindl, S. and Scharl, A. (2010). "A Context-Dependent Supervised Learning Approach to Sentiment Detection in Large Textual Databases", *Journal of Information and Data Management*, 1(3): 329-342.
17. Weichselbraun, A., Wohlgenannt, G. and Scharl, A. (2010). "Refining Non-Taxonomic Relation Labels with External Structured Data to Support Ontology Learning", *Data & Knowledge Engineering*, 69(8): 763-778.
18. Hubmann-Haidvogel, A., Scharl, A. and Weichselbraun, A. (2009). "Multiple Coordinated Views for Searching and Navigating Web Content Repositories", *Information Sciences*, 179(12): 1813-1821.
19. Pollach, I., Scharl, A. and Weichselbraun, A. (2009). "Web Content Mining for Comparing Corporate and Third-Party Online Reporting: A Case Study on Solid Waste Management", *Business Strategy and the Environment*, 18(3): 137-148.
20. Weichselbraun, A., Wohlgenannt, G., Scharl, A., Granitzer, M., Neidhart, T. and Juffinger, A. (2009). "Discovery and Evaluation of Non-Taxonomic Relations in Domain Ontologies", *International Journal of Metadata, Semantics & Ontologies*. 212-222.
21. Juffinger, A., Neidhart, T., Granitzer, M., Kern, R., Weichselbraun, A., Wohlgenannt, G. and Scharl, A. (2009). "Distributed Web 2.0 Crawling for Ontology Evolution", *Journal of Digital Information Management*, 7(2): 114-119.
22. Scharl, A. and Weichselbraun, A. (2008). "An Automated Approach to Investigating the Online Media Coverage of US Presidential Elections", *Journal of Information Technology & Politics*, 5(1): 121-132.
23. Gill, D., Dickinson, S. and Scharl, A. (2008). "Communicating Sustainability: A Web Content Analysis of North American, European and Asian Firms", *Journal of Communication Management*, 12(3). 243-262.
24. Scharl, A., Dickinger, A. and Weichselbraun, A. (2008). "Analyzing News Media Coverage to Acquire and Structure Tourism Knowledge", *Information Technology and Tourism*, 10(1): 3-17.
25. Scharl, A., Weichselbraun, A. and Liu, W. (2007). "Tracking and Modeling Information Diffusion across Interactive Online Media", *International Journal of Metadata, Semantics and Ontologies*. 2(2): 136-145.
26. Dickinson, S.J., Gill, D.L., Purushothaman, M. and Scharl, A. (2007). "A Web Analysis of Sustainability Reporting: An Oil and Gas Perspective", *Journal of Website Promotion*, 3(3-4), 161-182.
27. Stace, R., Brown, A., Purushothaman, M., Scharl, A. and Weichselbraun, A. (2007). "National Indicators of Well Being: Lessons from Pacific Island Countries' Tourism", *Asia Pacific Journal of Tourism Research*, 12(3): 203-223.
28. Murphy, J. and Scharl, A. (2007). "An Investigation of Global versus Local Online Branding", *International Marketing Review*, 24(3): 297-312.
29. Scharl, A. (2006). "Tightly Coupled Geospatial Interfaces for Collaborative Systems and Just-in-Time Information Retrieval Agents", *Research in Computing Science (Special Issue: Semantics in Geoinformatics Applications)*, 25: 3-18.
30. Porter, S., Brown, A., Purushothaman, M. and Scharl, A. (2006). "Dealing with Change: The Strategies of the International Accounting Standards Board and its Funders", *Strategic Change*, 15(6): 305-317.

31. Neale, L., Murphy, J. and Scharl, A. (2006). "Comparing the Diffusion of Online Service Recovery in Small and Large Organizations", *Journal of Marketing Communications*, 12(3): 165-181.
32. Liu, W., Weichselbraun, A., Scharl, A. and Chang, E. (2005). "Semi-Automatic Ontology Extension Using Spreading Activation", *Journal of Universal Knowledge Management*, 0(1): 50-58.
33. Scharl, A., Dickinger, A. and Murphy, J. (2005). "Diffusion and Success Factors of Mobile Marketing", *Electronic Commerce Research & Applications*, 4(2): 159-173.
34. Scharl, A., Neale, L. and Murphy, J. (2004). "Analyzing the Prevalence of Sports-Related Terms among the Web Sites of Global Corporations", *International Journal of Computer Science in Sport*, 3(2): 5-18.
35. Scharl, A. and Bauer, C. (2004). "Mining Large Samples of Web-Based Corpora", *Knowledge-Based Systems*, 17(5-6): 229-233.
36. Scharl, A., Wöber, K.W. and Bauer, C. (2004). "An Integrated Approach to Measure Web Site Effectiveness in the European Hotel Industry", *Information Technology & Tourism*, 6(4): 257-271.
37. Smekal, G., Scharl, A., von Duvillard, S.P. et al. (2002). "Accuracy of Neuro-Fuzzy Logic and Regression Calculations in Determining Maximal Lactate Steady-State Power Output from Incremental Tests in Humans", *European Journal of Applied Physiology*, 88(3): 264-274.
38. Scharl, A. (2001). "Explanation & Exploration: Visualizing the Topology of Web Information Systems", *International Journal of Human-Computer Studies*, 55(3): 239-258.
39. Scharl, A., Gebauer, J. and Bauer, C. (2001). "Matching Process Requirements with Information Technology to Assess the Efficiency of Web Information Systems", *Information Technology & Management*, 2(2): 193-210.
40. Bauer, C. and Scharl, A. (2000). "Quantitative Evaluation of Web Site Content and Structure", *Library Computing*, 19 (3/4): 134-146.
41. Scharl, A., Bauer, C. and Kaukal, M. (2000). "Commercial Scenarios of Digital Agent Deployment: A Functional Classification", *Journal of Electronic Commerce Research*, 1(3). <http://www.csulb.edu/web/journals/jecr/>.
42. Bauer, C. and Scharl, A. (2000). "Quantitative Evaluation of Web Site Content and Structure", *Internet Research: Electronic Networking Applications and Policy*, 10(1): 31-43. [updated reprint in *Library Computing*, 19(3/4): 134-146].
43. Bauer, C., Bauer, D. and Scharl, A. (2000). "Measuring the Web – A Pilot Study for Web Site Classification based on Empirical Evidence", *Trends in Communication*, 6: 113-132.
44. Gebauer, J. and Scharl, A. (1999). "Between Flexibility and Automation: An Evaluation of Web Technology from a Business Process Perspective", *Journal of Computer-Mediated Communication*, 5 (1). <http://www.ascusc.org/jcmc/>.
45. Brandtweiner, R. and Scharl, A. (1999). "Value Chain Transformation in the Retailing Sector", *Systémová Integrace (System Integration)*, 6(3): 7-14.
46. Brandtweiner, R. and Scharl, A. (1999). "An Institutional Approach to Analyzing the Structure and Functionality of Brokered Electronic Markets", *International Journal of Electronic Commerce*, 3(3): 71-88.
47. Scharl, A. (1999). "Reference Modeling as the Missing Link between Academic Research and Industry Practice", *Journal of Scientific and Industrial Research*, 58(3/4): 211-220.

**Refereed
Journals**

48. Scharl, A. and Brandtweiner, R. (1998). "A Conceptual Research Framework for Analyzing the Evolution of Electronic Markets", *International Journal of Electronic Markets*, 8(2): 39-42.
49. Brandtweiner, R., Loicht, H. and Scharl, A. (1998). "The Internet-induced digitalization of commodities (products)", *Forum Ware*, 26(1): 37-40.
50. Scharl, A. (1997). "Referenzmodelle für die Entwicklung von Masseninformati-
onssystemen – ein Fallbeispiel aus der Branche Informationstechnik", *Journal für Betriebswirtschaft*, 47(5-6): 282-294.

**Books and
Edited Volumes**

1. Boll, S., Jones, C., Kansa, E., Kishor, P., Naaman, M., Purves, R., Scharl, A. and Wilde, E., Eds. (2008). *Proceedings of the 1st International Workshop on Location and the Web (April 22; Beijing, China)*. New York: ACM Press.
2. Scharl, A. and Tochtermann, K., Eds. (2007). *The Geospatial Web – How Geo-Browsers, Social Software and the Web 2.0 are Shaping the Network Society*. London: Springer. <http://www.geospatialweb.com/>.
 - Review: *Geospatial Solutions*, (Angus W. Stocking, 19 Sep 2007).
3. Tochtermann, K. and Scharl, A., Eds. (2006). *Managing Environmental Knowledge – Proceedings of the 20th International Conference on Informatics for Environmental Protection (September 6-8, 2006; Graz, Austria)*. Aachen: Shaker.
4. Scharl, A., Ed. (2004). *Environmental Online Communication*. London: Springer.
 - Review: *Applied Environmental Education & Communication*, 4(2): 199.
5. Scharl, A. (2000). *Evolutionary Web Development*. London: Springer.
 - *Senator Wilhelm Wilfling Award 2000* of the Vienna University of Economics & Business.
6. Scharl, A. (1999). *NeuroFuzzy-Hybridsysteme: Theoretische Grundlagen, Vergleich mit statistischen Problemlösungsklassen und Anwendung im Rahmen leistungsdiagnostischer Fragestellungen (= Hybrid NeuroFuzzy Systems: Theoretical Foundations, Comparison with Statistical Methods, and Application for Performance Diagnostics)*. Vienna: WUV-Universitätsverlag.
7. Scharl, A. (1997). *Referenzmodellierung kommerzieller Masseninformati-
onssysteme – Idealtypische Gestaltung von Informationsangeboten im World Wide Web am Beispiel der Branche Informationstechnik (= Reference Modeling of Commercial Mass Information Systems – Referential Design of Web Applications for the Information Technology Industry)*. Frankfurt, Vienna: Peter Lang.
 - *Rudolf Sallinger Award 1997* of the Austrian Economic League.
 - *Stephan Koren-Award 1998* of the Senior Faculty Association of the Vienna University of Economics and Business.
 - Reviews: *Wirtschaftsinformatik*, 42(1): 99; *Journal für Betriebswirtschaft*, 48 (3): 136-137.

**Refereed
Book Chapters
(including LNCS
Proceedings)**

1. Scharl, A., Hubmann-Haidvogel, A., Goebel, M., Schaefer, T., Fischl, D. and Nixon, L. (2019). "Multimodal Analytics Dashboard for Story Detection and Visualization", *Video Verification in the Fake News Era*. Eds. V. Mezaris et al. Basel: Springer. 281-299.
2. Nixon, L., Fischl, D., Scharl, A. (2019). "Real-Time Story Detection and Video Retrieval from Social Media Streams", *Video Verification in the Fake News Era*. Eds. V. Mezaris et al. Basel: Springer. 17-52.
3. Filippova, E., Scharl, A. and Filippov, P. (2019). "Blockchain: An Empirical Investigation of Its Scope for Improvement", *2nd International Conference on Blockchain, ICBC-2019 (= Lecture Notes in Computer Science, vol. 11521)*. Eds. J. Joshi et al. San Diego, USA: Springer. 1-17. [BEST PAPER AWARD]

4. Scharl, A., Föls, M., Herring, D., Piccolo, L., Fernandez, M. and Alani, H. (2016). "Application Design and Engagement Strategy of a Game with a Purpose for Climate Change Awareness", *Internet Science, 3rd Int'l Conference, INSCI-2016* (= LNCS, vol. 9934). Eds. F. Bagnoli et al. Florence, Italy: Springer. 97-104.
5. Scharl, A., Hubmann-Haidvogel, A., Rafelsberger, W., Weichselbraun, A., Lang, H.-P. and Sabou, M. (2014). "Visualizing Knowledge Along Semantic and Geographic Dimensions – A Web Intelligence Platform to Explore Climate Change Coverage", *Knowledge Cartography: Software Tools and Mapping Techniques*. Eds. A. Okada et al. London: Springer. 421-439.
6. Bednar-Friedl, B., Radunsky, K., Balas, M., Baumann, M., Buchner, B., Gaube, V., Haas, W., Kienberger, S., König, M., Köppl, A., Kranzl, L., Matzenberger, J., Mechler, R., Nakicenovic, N., Omann, I., Prutsch, A., Scharl, A., Steininger, K., Steurer, R., Türk, A., Campregher, C., Knoflacher, H., Schleicher, S. and Wesely, J. (2014). "Mitigation and Adaptation to Climate Change", *Austrian Assessment Report 2014 (AAR14) of the Austrian Panel on Climate Change (APCC)*. Eds. H. Kromp-Kolb et al. Vienna: Austrian Academy of Sciences Press. 707-769.
7. Syed, K.A.A., Kröll, M., Sabol, V., Scharl, A., Gindl, S., Granitzer, M. and Weichselbraun, A. (2012). "Dynamic Topography Information Landscapes – An Incremental Approach to Visual Knowledge Discovery", *14th International Conference on Data Warehousing and Knowledge Discovery (DaWaK-2012)*, Vienna, Austria (Lecture Notes in Computer Science, vol. 7448). Berlin: Springer. 352-363.
8. Hudspeth, W., Reisen, W., Barker, C., Kramer, V., Caian, M., Crăciunescu, V., Brown, H.E., Comrie, A.C., Zelicoff, A., Ward, T.G., Ragain, R.M., Simpson, G., Stanhope, W., Kass-Hout, T.A., Scharl, A., Sonricker, A.L. & Brownstein, J.S. (2012). "Information and Decision Support Systems", *Environmental Tracking for Public Health Surveillance*. Eds. S.A. Morain and A.M. Budge. Boca Rotan, USA: CRC Press. 369-410.
9. Weichselbraun, A., Wohlgenannt, G. and Scharl, A. (2011). "Evidence Sources, Methods and Use Cases for Learning Lightweight Domain Ontologies", *Ontology Learning and Knowledge Discovery Using the Web: Challenges and Recent Advances*. Eds. W. Wong et al. Hershey: IGI Global. 1-15.
10. Scharl, A. and Weichselbraun, A. (2010). "Building a Web-Based Knowledge Repository on Climate Change to Support Environmental Communities", *2nd World Summit on the Knowledge Society (WSKS-2009)*, Part II, CCIS Vol. 112. Ed. M. Lytras. Heidelberg: Springer. 79-84.
11. Scharl, A. (2009). "Exploring Environmental News via Geospatial Interfaces and Virtual Globes", *GeoSpatial Visual Analytics: Geographical Information Processing and Visual Analytics for Environmental Security (NATO Science for Peace and Security Series C: Environmental Security)*. Eds. R.D. Amicis et al. Amsterdam: Springer. 321-330.
12. Gindl, S., Liegl, J., Scharl, A. and Weichselbraun, A. (2009). "An Evaluation Framework and Adaptive Architecture for Automated Sentiment Detection", *Networked Knowledge – Networked Media (Springer Studies in Computational Intelligence)*. Eds. S. Schaffert, K. Tochtermann and T. Pellegrini. Berlin: Springer. 217-234.
13. Dickinger, A., Drimmel, C. and Scharl, A. (2008). "GeoWeb-Anwendungen in Tourismus und Freizeit", *Web 2.0 in der Unternehmenspraxis*. Eds. A. Back et al. Munich: Oldenbourg. 142-150.
14. Dickinger, A., Scharl, A., Stern, H., Weichselbraun, A., and Wöber, K. (2008). "Acquisition and Relevance of Geotagged Information in Tourism", *Information and Communication Technologies in Tourism 2008, Proceedings of the International Conference in Innsbruck, Austria*. Eds. P. O'Connor et al. Vienna, New York: Springer. 545-555.

15. Scharl, A. (2007). "Towards the Geospatial Web – Media Platforms for Managing Geotagged Knowledge Repositories", *The Geospatial Web – How Geobrowsers, Social Software and the Web 2.0 are Shaping the Network Society*. Eds. A. Scharl and K. Tochtermann. London: Springer. 3-14.
16. Weichselbraun, A., Scharl, A., Liu, W. and Wohlgenannt, G. (2007). "Capturing Ontology Evolution Processes by Repeated Sampling of Large Document Collections", *On the Move to Meaningful Internet Systems 2007: OTM 2007 Workshops, Vilamoura, Portugal, November 25-30, 2007 (Lecture Notes in Computer Science, vol. 4805)*. Eds. R. Meersman, Z. Tari and P. Herrero. Berlin: Springer: 23-24.
17. Granitzer, M., Scharl, A., Weichselbraun, A., Neidhart, T., Juffinger, A., & Wohlgenannt, G. (2007). "Automated Ontology Learning and Validation using Hypothesis Testing", *Advances in Intelligent Web Mastering: Proceedings of the 5th Atlantic Web Intelligence Conference, AWIC 2007 (Advances in Soft Computing, vol. 43)*. Eds. K. Wegrzyn-Wolska, P. Szczepaniak. Berlin, Heidelberg: Springer. 130-135.
18. Scharl, A. (2006). "Catalyzing Environmental Communication through Evolving Internet Technology", *Environmental Communication Yearbook (Volume III)*. Ed. S. Depoe. Mahwah: Lawrence Erlbaum. 235-242.
19. Scharl, A. (2004). "A Roadmap towards Distributed Web Assessment", *Web Engineering – 4th International Conference, ICWE 2004, Munich, Germany (Lecture Notes in Comp. Science, vol. 3140)*. Eds. N. Koch et al. Berlin: Springer. 171-175.
20. Scharl, A. (2004). "Web Coverage of Renewable Energy", *Environmental Online Communication*. Ed. A. Scharl. London: Springer. 25-34.
21. Scharl, A., Pollach, I., Pieber, M. and Treiblmaier, H. (2004). "Environmental Investment Sites: Sector Analysis and Development of GreenMoney.at", *Environmental Online Communication*. Ed. A. Scharl. London: Springer. 161-172.
22. Neale, L., Scharl, A. and Murphy, J. (2004). "Sport Marketing on Fortune Global 500 Web Sites", *Sharing Best Practices in Sport Marketing*. Atlanta: Ed. B.G. Pitts. Atlanta: Sport Marketing Association. 45-54.
23. Gebauer, J. and Scharl, A. (2003). "Between Flexibility and Automation: Evaluating Web Technology from a Business Process Perspective", *New Directions in Research on E-Commerce*. Ed. C. Steinfield. West Lafayette: Purdue University Press. 147-169.
24. Scharl, A. and Treiblmaier, H. (2003). "A Quantitative Analysis of eCRM Tools in the Austrian Pharmaceutical Industry", *Web Engineering – International Conference, ICWE 2003, Oviedo, Spain (Lecture Notes in Computer Science, vol. 2722)*. Eds. J. M. Cueva Lovelle et al. Berlin: Springer. 306-309.
25. Scharl, A., Pollach, I. and Bauer, C. (2003). "Determining the Semantic Orientation of Web-based Corpora", *Intelligent Data Engineering and Automated Learning, 4th International Conference, IDEAL-2003, Hong Kong (Lecture Notes in Computer Science, vol. 2690)*. Ed. J. Liu et al. Berlin: Springer. 840-849.
26. Gebauer, J. and Scharl, A. (2003). "Fra Flessibilita e Automazione: Una Valutazione Della Tecnologia Web Vista Dalla Prospetiva dei Processi di Business", *Quale Futuro Per Il Commercio Elettronico?* Eds. G. Gottardi and E. Bolisani. Milano: Franco Angeli. 156-185.
27. Scharl, A. (2002). "Adaptive Web Representation", *Human Computer Interaction Development & Management*. Ed. T. Barrier. Hershey, London: IRM Press. 255-260.
28. Wöber, K.W., Scharl, A., Natter, M. and Taudes, A. (2002). "Success Factors of European Hotel Web Sites", *Information and Communication Technologies in Tourism 2002*. Eds. K.W. Wöber et al. Vienna, New York: Springer. 397-406.

**Refereed
Book Chapters
(including LNCS
Proceedings)**

29. Bauernfeind, U., Wöber, K.W., Scharl, A., Bauer, C., Natter, M. and Taudes, A. (2002). "The Evaluation of European Cities' Tourism Offices' Web Sites", *City Tourism 2002*, Ed. K.W. Wöber. Vienna, New York: Springer. 323-334.
30. Scharl, A. (2001). "A Classification of Web Adaptivity: Tailoring Content and Navigational Systems of Advanced Web Applications", *Web Engineering – Managing Diversity and Complexity of Web Application Development (Lecture Notes in Computer Science, vol. 2016)*. Eds. S. Murugesan and Y. Deshpande. Berlin: Springer. 156-169.
31. Bauer, C. and Scharl, A. (2001). "Leveraging Online Information to Build Customer Relationships", *Internet Marketing Research: Theory and Practice*. Ed. O. Lee. Hershey, London: Idea Group Publishing. 15-30.
32. Bichler, M. and Scharl, A. (2001). "Matchmaking Mechanisms for Agent-mediated Electronic Markets", *Contemporary Trends in Systems Development*. Eds. M.K. Sein et al. Dordrecht: Kluwer Plenum. 281-291.
33. Scharl, A. (2000). "The Five Stages of Customizing Web-based Mass Information Systems", *Managing Web-Enabled Technologies in Organizations: A Global Perspective*. Ed. M. Khosrowpour. Hershey, London: Idea Group Publishing. 103-121.
34. Bauer, C., Glasson, B. and Scharl, A. (1999). "Evolution of Web Information Systems: Exploring the Methodological Shift in the Context of Dynamic Business Ecosystems", *Doing Business on the Internet – Opportunities and Pitfalls*, Eds. F. Sudweeks and C.T. Romm. London: Springer. 53-64.

**Refereed
Conferences**

1. Brasoveanu, A., Nixon, L., Weichselbraun, A. and Scharl, A. (2023). Framing Few-Shot Knowledge Graph Completion with Large Language Models. *2nd International Workshop on Natural Language Processing for Knowledge Graph Creation (NLP4KGC-2023)*. Leipzig, Germany. [BEST PAPER AWARD]
2. Nixon, L., Scharl, A. and Bocyte, R. (2020). Topics Compass: Uncovering Trending Topics for Optimised Media Content Publication. *ACM International Conference on Interactive Media Experiences (IMX-2020)*, Demo Track. Barcelona, Spain.
3. Nixon, L., Zhu, S., Rafelsberger, W., Fischer, F., Göbel, M. and Scharl, A. (2017). Video Retrieval for Multimedia Verification of Breaking News on Social Networks. *1st International Workshop on Multimedia Verification (MuVer-2017)*, *ACM Multimedia Conference*. Mountain View, USA.
4. Scharl, A. and Föls, M. (2017). uComp Language Quiz - A Game with a Purpose for Multilingual Language Resource Acquisition. *Games4NLP: Using Games and Gamification for Natural Language Processing*. J. Chamberlain et al. Valencia, Spain.
5. Vakulenko, S., Weichselbraun, A. and Scharl, A. (2016). Detection of Valid Sentiment-Target Pairs in Online Product Reviews and News Media Coverage. *IEEE/WIC/ACM International Conference on Web Intelligence (WI-2016)*. H. Ali et al. Omaha, USA: IEEE Press: 97-104.
6. Brasoveanu, A., Nixon, L.J.B., Weichselbraun, A. and Scharl, A. (2016). „A Regional News Corpora for Contextualized Entity Discovery and Linking”, *10th International Conference on Language Resources and Evaluation (LREC-2016)*. N. Calzolari et al. Portorož, Slovenia: European Language Resources Association (ELRA): 3333-3338.
7. Piccolo, L., Fernandez, M., Alani, H., Scharl, A., Föls, M. and Herring, D. (2016). "Climate Change Engagement - Results of a Multi-Task Game with a Purpose". *1st International Workshop on the Social Web for Environmental and Ecological Monitoring (SWEEM-2016)*. Cologne, Germany.

8. Vakulenko, S., Göbel, M., Scharl, A. and Nixon, L. (2016). "Visualising the Propagation of News on the Web ", *1st International Workshop on Recent Trends in News Information Retrieval, 38th European Conference on Information Retrieval (ECIR-2016)*. Padua, Italy. 60-62.
9. Scharl, A., Weichselbraun, A., Göbel, M., Rafelsberger, W. and Kamolov, R. (2016). "Scalable Knowledge Extraction and Visualization for Web Intelligence", *49th Hawaii International Conference on System Sciences (HICSS-2016)*. Kauai, USA: IEEE Press. 3749-3757. [BEST PAPER AWARD]
10. Weichselbraun, A., Scharl, A. and Gindl, S. (2016). "Extracting Opinion Targets from Environmental Web Coverage and Social Media Streams", *49th Hawaii International Conference on System Sciences (HICSS-2016)*. Kauai, USA: IEEE Press. 1040-1048.
11. Scharl, A., Föls, M. and Herring, D. (2015). "Climate Challenge – Raising Collective Awareness in the Tradition of Games with a Purpose", *14th Brazilian Symposium on Human Factors in Computer Systems (IHC-2015)*. Salvador, Brazil. 506-609.
12. Scharl, A. and Fischl, D. (2015). "Topic Wizard – Interactive Visual Tool for Defining and Disambiguating Topics via Regular Expressions", *14th Brazilian Symposium on Human Factors in Computer Systems (IHC-2015)*. Salvador, Brazil. 510-513.
13. Scharl, A., Reyes, C. and Hubmann-Haidvogel, A. (2014). Supporting the Collaborative Editing of Documents with Real-Time Content Recommendations. *13th Brazilian Symposium on Human Factors in Computer Systems (IHC-2014)*. Foz do Iguaçu, Brazil: ACM Press: 341-344.
14. Scharl, A., Kamolov, R., Fischl, D., Rafelsberger, W. and Jones, A. (2014). Visualizing Contextual Information in Aggregated Web Content Repositories. *9th Latin American Web Congress (LA-WEB 2014)*. Almeida et al. Ouro Preto, Brazil: IEEE Press: 114-118.
15. Fernandez, M., Alani, H., Scharl, A. and Bontcheva, K. (2014). User Profile Modeling in Online Communities. *13th International Semantic Web Conference (ISWC-2014), 3rd Workshop on Semantic Web Collaborative Spaces*. Eds. P. Molli et al. Riva del Garda, Italy: CEUR, Vol. 1275.
16. Nixon, L., Bauer, M. and Scharl, A. (2014). Enhancing Web Intelligence with the Content of Online Video Fragments. *13th International Semantic Web Conference (ISWC-2014), Proceedings of the Posters and Demonstrations Track*. M. Horridge et al. Riva del Garda, Italy: CEUR Volume 1272: 109-112.
17. Weichselbraun, A., Streiff, D. and Scharl, A. (2014). Linked Enterprise Data for Fine Grained Named Entity Linking and Web Intelligence. *4th International Conference on Web Intelligence, Mining and Semantics (WIMS-2014)*. Thessaloniki, Greece: ACM Press.
18. Fischl, D. and Scharl, A. (2014). Metadata Enriched Visualization of Keywords in Context. *6th ACM SIGCHI Symposium on Engineering Interactive Computing Systems (EICS-2014)*. Italy, Rome: ACM Press: 193-196.
19. Sabou, M., Bontcheva, K., Derczynski, L. and Scharl, A. (2014). Corpus Annotation through Crowdsourcing: Towards Best Practice Guidelines. *9th Language Resources and Evaluation Conference (LREC-2014)*. Reykjavik, Iceland: European Language Resources Association (ELRA).
20. Scharl, A. and Herring, D. (2013). Extracting Knowledge from the Web and Social Media for Progress Monitoring in Public Outreach and Science Communication. *19th Brazilian Symposium on Multimedia and the Web (WebMedia-2013)*. Salvador, Brazil: Association for Computing Machinery (ACM): 121-124.

21. Sabou, M., Bontcheva, K., Scharl, A. and Föls, M. (2013). Games with a Purpose or Mechanised Labour? A Comparative Study, *13th International Conference on Knowledge Management and Knowledge Technologies (i-KNOW 2013)*. Graz, Austria.
22. Weichselbraun, A., Scharl, A. and Lang, H.-P. (2013). Knowledge Capture from Multiple Online Sources with the Extensible Web Retrieval Toolkit (eWRT), *7th International Conference on Knowledge Capture (K-CAP 2013)*. Banff, Canada: ACM Press. 129-132.
23. Gindl, S., Weichselbraun, A. and Scharl, A. (2013). Rule-based Opinion Target and Aspect Extraction to Acquire Affective Knowledge, *22nd International World Wide Web Conference, Workshop on Multidisciplinary Approaches to Big Social Data Analysis (MABSDA-2013)*. Rio de Janeiro, Brazil: 557-563.
24. Scharl, A., Hubmann-Haidvogel, A., Weichselbraun, A., Lang, H.-P. and Sabou, M. (2013). Media Watch on Climate Change – Visual Analytics for Aggregating and Managing Environmental Knowledge from Online Sources. *46th Hawaii International Conference on Systems Sciences (HICSS-46)*. Ed. Ralph E. Sprague. Maui, USA: 955-964.
25. Scharl, A., Sabou, M. and Föls, M. (2012). Climate Quiz – A Web Application for Eliciting and Validating Knowledge from Social Networks. *18th Brazilian Symposium on Multimedia and the Web (WebMedia-2012)*. Eds. G. Bressan and R.M. Silveira. São Paulo, Brazil: ACM Press. 189-192.
26. Sabou, M., Bontcheva, K. and Scharl, A. (2012). Crowdsourcing Research Opportunities: Lessons from Natural Language Processing. *12th International Conference on Knowledge Management and Knowledge Technologies (iKnow-2012)*. S. Lindstaedt and M. Granitzer. Graz, Austria: ACM Press.
27. Wohlgenannt, G., Weichselbraun, A., Scharl, A. and Sabou, M. (2012). Confidence Management for Learning Ontologies from Dynamic Web Sources. *4th International Conference on Knowledge Engineering and Ontology Development (KEOD-2012)*. J. Filipe and J. Dietz. Barcelona, Spain: 172-177.
28. Scharl, A., Hubmann-Haidvogel, A., Weichselbraun, A., Wohlgenannt, G., Lang, H.-P. and Sabou, M. (2012). Extraction and Interactive Exploration of Knowledge from Aggregated News and Social Media Content. *ACM SIGCHI Symposium on Engineering Interactive Computing Systems (EICS-2012)*. J.C. Campos et al. Copenhagen, Denmark: ACM Press: 163-168.
29. Braşoveanu, A.M.P., Hubmann-Haidvogel, A. and Scharl, A. (2012). Interactive Visualization of Emerging Topics in Multiple Social Media Streams. *ACM Working Conference on Advanced Visual Interfaces (AVI-2012)*. G. Tortora et al. Capri, Italy: ACM Press: 530-533.
30. Scharl, A., Sabou, M., Gindl, S., Rafelsberger, W. and Weichselbraun, A. (2012). Leveraging the Wisdom of the Crowds for the Acquisition of Multilingual Language Resources. *8th International Conference on Language Resources and Evaluation (LREC-2012)*. N. Calzolari et al. Istanbul, Turkey: European Language Resources Association: 379-383.
31. Piccolo, L.S.G., Scharl, A. and Baranauskas, C. (2012). Design of Eco-Feedback Technology to Motivate Sustainable Behavior: Cultural Aspects in a Brazilian Context. *Int'l Conference on Information Resources Management (IRM-2012)*. Vienna, Austria.
32. Hubmann-Haidvogel, A., Brasoveanu, A., Scharl, A., Sabou, M. and Gindl, S. (2012). Visualizing Contextual and Dynamic Features of Micropost Streams. *2nd Workshop on Making Sense of Microposts (MSM-2012), 21st International World Wide Web Conference*. M. Rowe et al. Lyon, France: CEUR Proceedings: 34-40.

33. Weichselbraun, A., Gindl, S. and Scharl, A. (2011). Using Games with a Purpose and Bootstrapping to Create Domain-Specific Sentiment Lexicons. *20th ACM Conference on Information and Knowledge Management (CIKM-2011)*. Glasgow, UK: ACM Press: 1053-1060.
34. Scharl, A., Hubmann-Haidvogel, A., Wohlgenannt, G., Weichselbraun, A., Dickinger, A. (2011). "Scalable Annotation Mechanisms for Digital Content Aggregation and Context-Aware Authoring", *10th Brazilian Symposium on Human Factors in Computer Systems & 5th Latin American Conference on Human-Computer Interaction (IHC-CLIH-2011)*. Porto de Galinhas, Brazil: Brazilian Computing Soc: 376-380.
35. Weichselbraun, A., Wohlgenannt, G., Scharl, A. (2011). "Applying Optimal Stopping Theory to Improve the Performance of Ontology Refinement Methods", *44th Hawaii International Conference on System Sciences (HICSS-44)*. Kauai, USA: IEEE Press.
36. Liegl, J., Gindl, S., Scharl, A. and Hubmann-Haidvogel, A. (2010). "Dictionary Extension for Improving Automated Sentiment Detection", *International Conference on Knowledge Discovery & Information Retrieval (KDIR-2010)*. Valencia, Spain: INSTICC Press. 404-407.
37. Sabol, V., Syed, K., Scharl, A., Muhr, M. and Hubmann-Haidvogel, A. (2010). "Incremental Computation of Information Landscapes for Dynamic Web Interfaces", *10th Brazilian Symposium on Human Factors in Computer Systems (IHC-2010)*. Belo Horizonte, Brazil: Brazilian Computing Society. 205-208.
38. Weichselbraun, A., Wohlgenannt, G. and Scharl, A. (2010). "Augmenting Lightweight Domain Ontologies with Social Evidence Sources", *21st International Conference on Database and Expert Systems Applications (DEXA-2010), 9th International Workshop on Web Semantics*. A.M. Tjoa and R.R. Wagner. Bilbao, Spain: IEEE Computer Society Press: 193-197.
39. Gindl, S., Weichselbraun, A. and Scharl, A. (2010). "Cross-Domain Contextualization of Sentiment Lexicons", *19th European Conference on Artificial Intelligence (ECAI-2010)*. H. Coelho et al. Lisbon, Portugal: IOS Press: 771-776.
40. Gindl, S., Scharl, A. and Weichselbraun, A. (2010). "Generic High-Throughput Methods for Multilingual Sentiment Detection", *4th IEEE International Conference on Digital Ecosystems and Technologies (DEST-2010)*. Eds. F. K. Hussain and E. Chang. Dubai, United Arab Emirates: IEEE Computer Society Press. 239-244.
41. Wohlgenannt, G., Weichselbraun, A. and Scharl, A. (2009). "Integrating Structural Data into Methods for Labeling Relations in Domain Ontologies", *20th International Conference on Database and Expert Systems Applications (DEXA-2009), 8th International Workshop on Web Semantics*. Linz, Austria. 94-98.
42. Rafelsberger, W. and Scharl, A. (2009). "Games with a Purpose for Social Networking Platforms", *20th ACM Conference on Hypertext and Hypermedia*. Torino, Italy: ACM Press: 193-197.
43. Scharl, A. (2009). "Tracking Stakeholder Perceptions on Climate Change", *Environmental Informatics and Industrial Environmental Protection: Concepts, Methods and Tools (23rd International Conference on Informatics for Environmental Protection, Volume 2: Workshops)*. Eds. V. Wohlgemuth et al. Aachen: Shaker. 279.
44. Gill, D., Mattinson, M. and Scharl, A. (2008). Reporting on Social Marketing Issues - A News Media Analysis. Australian and New Zealand Marketing Academy Conference (ANZMAC-2008). D. Spanjaard et al. Sydney, Australia: UWS.
45. Scharl, A., Weichselbraun, A. and Wohlgenannt, G. (2008). "A Web-based User Interaction Framework for Collaboratively Building and Validating Ontologies", *8th Brazilian Symposium on Human Factors in Computer Systems (IHC-2008)*. Porto Alegre, Brazil: Brazilian Computing Society: 244-247.

46. Hubmann-Haidvogel, A., Scharl, A. and Weichselbraun, A. (2008). "Tightly Coupled Views for Navigating Content Repositories", *14th Brazilian Symposium on Multimedia and the Web (WebMedia-2008)*. Eds. J.G. Pereira Filho et al. Vila Velha, Brazil: Brazilian Computing Society: 5-8.
47. Weichselbraun, A., Scharl, A. and Liu, W. (2008). "Capturing and Classifying Ontology Evolution in News Media Archives", *19th International Conference on Database and Expert Systems Applications (DEXA-2008), 7th International Workshop on Web Semantics*. A.M. Tjoa and R.R. Wagner. Turin, Italy: IEEE Computer Society Press: 197-201.
48. Scharl, A., Weichselbraun, A. and Gindl, S. (2008). "Building Tagged Linguistic Unit Databases for Sentiment Detection", *8th International Conference on Knowledge Management (I-KNOW 2008)*. K. Tochtermann and H. Maurer. Graz, Austria: 243-250.
49. Scharl, A., Stern, H. and Weichselbraun, A. (2008). "Annotating and Visualizing Location Data in Geospatial Web Applications", *17th International World Wide Web Conference (WWW-2008), 1st International Workshop on Location and the Web*. Eds. S. Boll et al. Beijing, China: ACM Press. 65-68.
50. Scharl, A., Stern, H. and Weichselbraun, A. (2008). "A Geospatial Web Application for Communicating Climate Change", *GeoVisualization of Dynamics, Movement and Change Workshop at the 11th International Conference on Geographic Information Science (AGILE-2008)*. Girona, Spain: AGILE Council.
51. Sabol, V. and Scharl, A. (2008). "Visualizing Temporal-Semantic Relations in Dynamic Information Landscapes", *Semantic Web Meets Geospatial Applications Workshop at the 11th International Conference on Geographic Information Science (AGILE-2008)*. Girona, Spain: AGILE Council.
52. Weichselbraun, A., Wohlgenannt, G., Scharl, A., Granitzer, M., Neidhart, T. and Juffinger, A. (2007). "Applying Vector Space Models to Ontology Link Type Suggestion", *4th International Conference on Innovations in Information Technology*. Dubai, United Arab Emirates: IEEE Press. 566-570.
53. Scharl, A., Weichselbraun, A., Hubmann-Haidvogel, A., Stern, H., Wohlgenannt, G. and Zibold, D. (2007). "Media Watch on Climate Change: Building and Visualizing Contextualized Information Spaces", *Semantic Web Challenge 2007 at the 6th International Semantic Web Conference (ISWC-2007)*. Busan: South Korea.
54. Juffinger, A., Neidhart, T., Weichselbraun, A., Wohlgenannt, G., Granitzer, M., Kern, R. and Scharl, A. (2007). "Distributed Web 2.0 Crawling for Ontology Evolution", *2nd IEEE International Conference on Digital Information Management (ICDIM-2007)*. Lyon, France: IEEE: 615-620.
55. Scharl, A. (2007). "Knowledge Sharing and Community Building in Contextualized Information Spaces", *5th International Symposium on Digital Earth (ISDE-2007)*. San Francisco, USA: International Society for Digital Earth.
56. Scharl, A. (2007). "The Climate Change Collaboratory – A Community Portal Based on Geospatial Web Technology", *International Symposium on Environmental Software Systems (ISESS-2007)*. Prague, Czech Republic.
57. Scharl, A. (2006). "Geospatial Publishing – Creating and Managing Geo-Tagged Knowledge Repositories", *1st International Conference on Software and Data Technologies (ICSOFT-2006)*. Setúbal, Portugal: Institute for Systems and Technologies of Information, Control and Communication (INSTICC). 226-231.
58. Hancock, P., Purushothaman, M., Brown, A. and Scharl, A. (2006). "Environmental Disclosures on Corporate Web Sites: A Singapore Perspective", *European Applied Business Research Conference (EABR-2006)*. Florence, Italy: Clute Institute.

59. Scharl, A. and Weichselbraun, A. (2006). "Web Coverage of the 2004 US Presidential Election", *2nd International Web as Corpus Workshop, 11th Conference of the European Chapter of the Association for Computational Linguistics (EACL-2006)*. Eds. A. Kilgarriff and M. Baroni. Trento, Italy: ACL. 35-42.
60. Purushothaman, M., Hancock, P., Brown, A. and Scharl, A. (2006). "Online Environmental Reporting Practices of Listed Singapore Companies", *29th Annual Congress of the European Accounting Association (EAA-2006)*. Dublin, Ireland: EEA.
61. Stace, R., Brown, A., Purushothaman, M., Scharl, A. and Weichselbraun, A. (2006). "Accounting for Pacific Island Countries' Tourism", *2006 British Accounting Association Annual Conference (BAA-2006)*. Portsmouth, UK: BAA.
62. Scharl, A., Weichselbraun, A. and Liu, W. (2006). "An Ontology-based Architecture for Tracking Information across Interactive Electronic Environments", *39th Hawaii Int'l Conference on System Sciences (HICSS-39)*. Kauai, USA: IEEE Press.
63. Scharl, A. (2005). "Patterns of Content Propagation in Electronic Environments", *Int'l Symposium on Generalization of Information (ISGI-2005)*. Ed. H. Kremers. Berlin, Germany: Committee on Data for Science and Technology. 221-225.
64. Purushothaman, M., Brown, A. und Scharl, A. (2005). "Assessing Natural Environmental Disclosures of POMSoX Entities", *19th International Conference on Informatics for Environmental Protection (EnviroInfo-2005)*. Eds. J. Hřebíček and J. Ráček. Brno, Czech Republic: Masaryk University. 692-696.
65. Pollach, I., Scharl, A. und Gill, D. (2005). "Solid Waste Management: Corporate and Third-Party Online Reporting", *19th International Conference on Informatics for Environmental Protection (EnviroInfo-2005)*. Eds. J. Hřebíček and J. Ráček. Brno, Czech Republic: Masaryk University. 697-701.
66. Dickinger, A., Scharl, A. und Weichselbraun, A. (2005). "Where Do You Want to Go Today? A Media Analysis of Global Tourism Destinations", *5th International Conference on Knowledge Management (I-KNOW 2005)*. Ed. K. Tochtermann and H. Maurer. Graz, Austria. 20-27.
67. Liu, W., Weichselbraun, A., Scharl, A. und Chang, E. (2005). "Semi-Automatic Ontology Extension Using Spreading Activation", *5th International Conference on Knowledge Management (I-KNOW 2005)*. Ed. K. Tochtermann and H. Maurer. Graz, Austria. 145-153.
68. Brown, A., Purushothaman, M. und Scharl, A. (2005). "A Web Assessment of Natural Environmental Disclosures of SPSX Entities", *2005 British Accounting Association Annual Conference (BAA-2005)*. Edinburgh, UK: BAA.
69. Pudhota, L., Chang, E. und Scharl, A. (2005). "Ontology-based Workflow Change Management", *International Conference on Information Management and Business (IMB-2005)*. Taipei: Shih Chien University. 195-202.
70. Scharl, A. (2004). "Providing Information Services through Aggregating and Visualising Web Resources", *5th International Working for e-Business Conference (WeB-2004)*. Perth: Edith Cowan University.
71. Murphy, J. und Scharl, A. (2004). "Web Indicators for Globalization and the Virtual Divide", *e-Society 2004 – Conference of the International Association for Development of the Information Society*. Eds. P. Isaías et al. Ávila: IADIS Press. 118-125.
72. Dickinger, A., Haghirian, P., Murphy, J. and Scharl, A. (2004). "An Investigation and Conceptual Model of SMS Marketing", *37th Hawaii Int'l Conference on System Sciences (HICSS-37)*. Ed. R. Sprague. Los Alamitos: IEEE Computer Society.
73. Dickinger, A., Murphy, J. and Scharl, A. (2003). "Web Coverage of Mobile Marketing by the Fortune Global 500", *4th International Working for e-Business Conference (WeB-2003)*. Eds. L. Croft and E. Lachowicz. Perth: Edith Cowan University.

74. Treiblmaier, H., Fuchs, S., Scharl, A. and Floh, A. (2003). "Targeting new Customer Segments with Innovative Solutions: Application Service Providing for the Energy Management Sector", *11th European Conference on Information Systems (ECIS-2003)*, Eds. C. Ciborra et al. Neapel: Università di Napoli Federico II.
75. Pollach, I. and Scharl, A. (2003). "Financial Online Information – A Comparative Content Analysis of Traditional versus Socially Responsible Web Portals", *Solar World Congress (ISES-2003)*. Göteborg: International Solar Energy Society. P1-66.
76. Scharl, A., Knotzer, N. and Treiblmaier, H. (2002). "Ethical Aspects of Web Portals: Supporting the Shift from Socially Responsible to Morally Responsible Investment Decisions", *3rd International Working for e-Business Conference (WeB-2002)*. Ed. Nick Lethbridge. Perth: Edith Cowan University. 379-383.
77. Scharl, A. (2001). "Trends in the Web Coverage of Solar Power Technologies, Initiatives and Applications", *Solar World Congress (ISES-2001)*. Ed. W.Y. Saman and W.W.S. Charters. Adelaide: International Solar Energy Society. 1383-1389.
78. Scharl, A., Treiblmaier, H. and Danzinger, C. (2001) "EcoInvest.org – Environmental Communication by Means of Independent Investment Portals", *Solar World Congress (ISES-2001)*. Ed. W.Y. Saman and W.W.S. Charters. Adelaide: International Solar Energy Society. 1133-1138.
79. Scharl, A., Voshmgir, S. and Bauer, C. (2001). "Investigating Educational Web Services: A Quantitative Review of 100 International University Sites", *2nd International Working for e-Business Conference (WeB-2001)*. Eds. S. Stoney and J. Burn. Perth: Edith Cowan University. 190-194.
80. Scharl, A. and Danzinger, C. (2001). "A Transaction-oriented Survey to Measure the Perceived Business Value of Web-based Information Systems", *Managing Information Technology in a Global Environment (IRMA-2001)*. Ed. M. Khosrowpour. Hershey, London: Idea Group Publishing. 1085-1086.
81. Scharl, A. and Bauer, C. (2000). "Supplemental Navigational Systems: The Emergence of Interactive Visual Components", *11th Australasian Conference on Information Systems (ACIS-2000)*. Eds. G.G. Gable. Brisbane: Queensland University of Technology.
82. Scharl, A. and Bauer, C. (2000). "A Cluster Analysis of Web-based Information Systems in the Travel and Tourism Sector", *1st International Working for e-Business Conference (WeB-2000)*. Eds. J. Burn et al. Perth: Edith Cowan University. 57-64.
83. Bauer, C. and Scharl, A. (2000). "Tool-supported Evolutionary Web Development: Rethinking Traditional Modeling Principles", *8th European Conference on Information Systems (ECIS-2000)*. Eds. H.R. Hansen et al. Vienna: Vienna University of Economics & Business Administration. 282-289.
84. Scharl, A. and Danzinger, C. (2000). "An Empirical Comparison of the Distinctive Features and Key Success Factors of Doing Business Electronically", *1st Austrian-Italian Workshop on Information Systems (AIWIS-2000)*. Eds. H. Mahrer and M.D. Marco. Vienna: Vienna University of Economics. 33-34.
85. Scharl, A., Werthner, H., and Bauer, C. (2000). "The Online Tourism Industry – Measuring Success Factors", *2nd International Forum on Multimedia and Image Processing, World Automation Congress (WAC-2000)*. Eds. M. Jamshidi et al. Albuquerque: TSI Press. <http://wacong.com/ifmip.html>.
86. Scharl, A. (2000). "A Classification of Web Adaptivity: Tailoring Content and Navigational Systems of Advanced Web Applications", *22nd International Conference on Software Engineering (Second ICSE Workshop on Web Engineering)*. Eds. S. Murugesan and Y. Deshpande. Limerick: University of Limerick. 18-27.

87. Scharl, A. (2000). "Adaptive Web Representation", *Challenges of Information Technology Management in the 21st Century (IRMA-2000)*. Ed. M. Khosrowpour. Hershey, London: Idea Group Publishing. 960-961.
88. Bauer, C. and Scharl, A. (2000). "Conceptual Foundations of Tool-based Evolutionary Web Development", *Challenges of Information Technology Management in the 21st Century (IRMA-2000)*. Ed. M. Khosrowpour. Hershey, London: Idea Group Publishing. 1005-1006.
89. Scharl, A. and Bauer, C. (1999). "Explorative Analysis and Evaluation of Commercial Web Information Systems", *20th International Conference on Information Systems (ICIS-99)*. Eds. P. De and J.I. DeGross. Charlotte: ICIS. 534-539.
90. Bauer, C., Parkinson, A. and Scharl, A. (1999). "Automated vs. Manual Classification: A Multi-Methodological Set of Web Analysis Components", *10th Australasian Conference on Information Systems (ACIS-99)*. Eds. B. Hope and P. Yoong. Wellington: Victoria University of Wellington. 54-64.
91. Bauer, C., Bauer, D. and Scharl, A. (1999). "Towards the Measurement of Public Web Sites: A Tool for Classification", *Cutting Edge Conference on the Measurement of Electronic Commerce (MEC-99)*. Singapore: International Statistical Institute.
92. Bichler, M. and Scharl, A. (1999). "Multi-dimensional Approaches to Automating Resource Allocation", *1st International Workshop for Transaction-based Electronic Commerce (IWTEC-99)*. Eds. C. Bauer and H. Mahrer. Perth: Electronic Commerce Network, Curtin University of Technology. 1-8.
93. Scharl, A. (1999). "Integrated Marketing Concepts for Electronic Markets", *2nd Western Australian Workshop on Information Systems Research (WAWISR-99)*. Ed. J. Gammack. Perth: Murdoch University. 31-36.
94. Brandtweiner, R. and Scharl, A. (1999). "Technology-driven Value Chain Transformation in the Retailing Sector", *3rd International Conference on Telecommunications and Information Markets (COTIM-99)*. Eds. R. Dholakia and S. Wikström. Kingston: University of Rhode Island.
95. Bauer, C. and Scharl, A. (1999). "A Classification Framework and Assessment Model for Automated Web Site Evaluation", *7th European Conference on Information Systems (ECIS-99)*. Eds. J. Pries-Heje et al. Copenhagen: CBS. 758-765.
96. Scharl, A., Bauer, C. and Kaukal, M. (1999). "From Static Worlds to Complex Negotiations: A (Commercial) Agent's Perspective on Customizable Transactions", *12th International Bled Electronic Commerce Conference*. Volume 1: Research. Eds. S. Klein et al. Kranj: Moderna organizacija. 33-45.
97. Smekal, G., Scharl, A., Pokan, R., Baron, R., Tschan, H. and Bachl, N. (1999). "Neuro-Fuzzy Modeling to Calculate Maximal Lactate Steady State", *46th Annual Meeting of the American College of Sports Medicine*. In: *Medicine and Science in Sports and Exercise*, 31 (5): 377.
98. Scharl, A. (1999). "A Conceptual, User-Centric Approach to Modeling Web Information Systems", *5th Australian World Wide Web Conference (AusWeb-99)*. Ballina: Southern Cross University. 33-49.
99. Bauer, C. and Scharl, A. (1999). "Advanced Design of Web Information Systems Based on Dominant and Emerging Web Communication Patterns", *5th Australian World Wide Web Conference (AusWeb-99)*. Ballina: SCU. 74-85.
100. Bauer, C. and Scharl, A. (1999). "Acquisition and Symbolic Visualization of Aggregated Customer Information for Analyzing Web Information Systems", *32nd Hawaii International Conference on System Sciences (HICSS-99)*. Volume V: Internet and the Digital Economy. Los Alamitos: IEEE Computer Society.

**Refereed
Conferences**

101. Scharl, A. and Bauer, C. (1998). "Informational Requirements for Participating in Electronic Business Ecosystems", *1st Western Australian Workshop on Information Systems Research (WAWISR-98)*. Perth: CUT. 79-86.
102. Scharl, A. and Brandtweiner, R. (1998). "Maximizing the Customer Delivered Value with Web-based Mass Information Systems", *4th Americas Conference on Information Systems (AIS-98)*. Baltimore: International Solar Energy Society. 453-455.
103. Hansen, H.R. and Scharl, A. (1998). "Cooperative Development of Web-based Mass Information Systems", *4th Americas Conference on Information Systems (AIS-98)*. Baltimore: Association for Information Systems. 994-996.
104. Brandtweiner, R. and Scharl, A. (1998). "Modeling the Convergence of Archaic and Electronic Market Structures Using Real-Life Interaction Patterns", *12th Biennial Conference of the International Telecommunications Society (ITS-98)*. Stockholm: ITS.
105. Brandtweiner, R. and Scharl, A. (1998). "Conceptual Modeling of a Virtual Electronic Bazaar", *11th International Bled Electronic Commerce Conference*. Volume 1: Research. Kranj: Moderna organizacija. 475-489.
106. Scharl, A. (1998). "Integration of Adaptive System Components into Commercial Transaction Models for the World Wide Web", *Effective Utilization and Management of Emerging Information Technologies (IRMA-1998)*. Ed. M. Khosrowpour. Hershey, London: Idea Group Publishing. 940.
107. Scharl, A. (1998). "Removing Communication Barriers with a Transaction-Oriented Derivative of the Extended World Wide Web Design Technique (eW3DT)", *Business Information Technology Management: Closing the International Divide*. Eds. P. Banerjee et al. New Delhi: Har Anand. 249-264.
108. Scharl, A. (1998). "Reference Modeling of Commercial Web Information Systems Using the Extended World Wide Web Design Technique (eW3DT)", *31st Hawaii International Conference on System Sciences (HICSS-98), Volume IV: Internet and the Digital Economy*. Los Alamitos: IEEE Press. 476-484.

**Academic
Theses**

1. Scharl, A. (2000). *Evolutionary Web Development*. Habilitation Thesis: Vienna University of Economics & Business, Information Systems Department.
 - Senator Wilhelm Wilfling Award 2000 of the Vienna University of Economics & Business.
2. Scharl, A. (1998). *Fuzzy Modeling and Inference for Performance Diagnostics*. Doctoral thesis: University of Vienna, Department of Sports Sciences.
 - Excellent Doctoral Thesis Award by the University of Vienna.
3. Scharl, A. (1997). *Reference Modeling of Commercial Mass Information Systems for the Computer Industry with Special Regard to the World Wide Web*. Doctoral thesis: Vienna Univ. of Economics & Business, Department of Management Information Systems.
 - Rudolf Sallinger-Award 1997 of the Austrian Economic League; Stephan Koren-Award 1998 donated by the Senior Faculty Association of the Vienna University of Economics & Business.
4. Scharl, A. (1995). *Information Systems and Sustainable Development*. Master's thesis: Vienna University of Economics & Business Administration.
 - Scholarship of the Austrian Federal Ministry of Science and Transport (bm:vv) for research at the New York University, Leonard N. Stern School of Business.
5. Scharl, A. (1995). *Applications of Artificial Intelligence in the Sports Sciences*. Master's thesis: University of Vienna, Department of Sports Sciences.

International Conferences

(P)articipant, (A)uthor, (S)peaker, (R)viewer; (C)hair of Conference, Workshop, Track or Session, (M)ember of the Program Committee

DESCRIPTION	LOCATION & DATE		FUNCTION(S)					
			P	A	S	R	C	M
NLP4KGC-2023 2nd International Workshop on Natural Language Processing for Knowledge Graph Creation	<i>Leipzig</i> Germany	09/23		❖				
HICSS-2023 56th Hawaii International Conference on System Sciences	<i>Maui</i> USA	01/23						T
TFF-2021 Tourism Fast Forward	<i>Mayrhofen</i> Austria	10/21	❖		❖			
HICSS-2021 54th Hawaii International Conference on System Sciences	<i>Kauai</i> USA	01/21						T
TTRA-2020 Travel and Tourism Research Association 2020 European Chapter Conference	<i>Innsbruck</i> Austria	09/20	❖		❖			
IMX-2020 ACM International Conference on Interactive Media Experiences	<i>Barcelona</i> Spain	06/20		❖				
HICSS-2020 53rd Hawaii International Conference on System Sciences	<i>Maui</i> USA	01/20						T
U4SSC-2019 4th Meeting of the United for Smart Sustainable Cities Initiative	<i>Valencia</i> Spain	10/19			❖			
ICBC-2019 International Conference on Blockchain	<i>San Diego</i> USA	06/19		❖				
NFS-2019 Near Future Summit	<i>Zürs</i> Austria	03/19	❖					
SIGIR-2018 41st ACM SIGIR Conference on Research and Development in Information Retrieval, International Workshop on Data Search	<i>Ann Arbor</i> USA	07/18	❖					
NFS-2018 Near Future Summit	<i>Zürs</i> Austria	03/18	❖		❖			
MuVer-2017 ACM Multimedia Conference, 1st International Workshop on Multimedia Verification	<i>Mountain View</i> , USA	10/17		❖		❖		❖
FIBEP-2017 49th FIBEP World Media Intelligence Congress	<i>Berlin</i> Germany	10/17	❖		❖			
DLD-2017 Digital, Life, Design – Innovation Festival	<i>Tel Aviv</i> Israel	09/17	❖					
EACL-2017 15th European Chapter of the Association for Computational Linguistics Conference, Games4NLP Symposium	<i>Valencia</i> Spain	04/17		❖				
E-Day 2017 Electronic Business Event, Austrian Chamber of Commerce	<i>Vienna</i> Austria	04/17	❖		❖			
NFS-2017 Near Future Summit	<i>Zürs</i> Austria	03/18	❖					
BDVA-2016 Big Data Value Association Summit	<i>Valencia</i> Spain	11/16	❖		❖			
WI-2016 IEEE/WIC/ACM International Conference on Web Intelligence	<i>Ohama</i> USA	10/16		❖				

DESCRIPTION	LOCATION & DATE		FUNCTION(S)					
			P	A	S	R	C	M
TEDx-2016 We Have to Talk – TEDx Event at MODUL University Vienna	<i>Vienna</i> Austria	10/16	❖		❖			
IHC-2016 15th Brazilian Symposium on Human Factors in Computer Systems	<i>São Paulo</i> Brazil	10/16						❖
INSCI-2016 3rd International Conference on Internet Science	<i>Florence</i> Italy	09/16		❖				
ICT-2016 Proposers' Day of the European Commission, SME Workshop	<i>Bratislava</i> Slovakia	09/16	❖		❖			
REVEAL-2016 Social Media Verification Workshop	<i>Athens</i> Greece	09/16	❖		❖			
EDF-2016 European Data Forum	<i>Eindhoven</i> NL	06/16	❖					
UNEA-2 United Nations Environment Assembly, Big Data Innovation Summit and Science-Policy Forum	<i>Nairobi</i> Kenya	05/16	❖		❖			
EMAC-2016 European Marketing Academy Annual Conference	<i>Oslo</i> Norway	05/16		❖				
LREC-2016 10th Int'l Conference on Language Resources and Evaluation	<i>Portorož</i> Slovenia	05/16		❖				
SWEEM-2016 1st International Workshop on the Social Web for Environmental and Ecological Monitoring	<i>Cologne</i> Germany	05/16		❖				
CPS-2016 CHIST-ERA Projects Seminar 2016	<i>Bern</i> Switzerland	04/16	❖		❖			
ECIR-2016 38th European Conference on Information Retrieval	<i>Padua</i> Italy	03/16		❖				
HICSS-2016 49th Hawaii International Conference on System Sciences	<i>Kauai</i> USA	01/16		❖			T	
EoE-2015 Eye on Earth Summit	<i>Abu Dhabi</i> UAE	10/15	❖		❖			
IHC-2015 14th Brazilian Symposium on Human Factors in Computer Systems	<i>Salvador</i> Brazil	10/15	❖	❖	❖			
CAPS-2015 2nd International Event on Collective Awareness Platforms for Sustainability and Social Innovation	<i>Brussels</i> Belgium	07/15	❖		❖			
WWW-2015 24th International World Wide Web Conference, Workshop on Rumors and Deception in Social Media	<i>Florence</i> Italy	05/15	❖		❖		❖	
Earth Day-2015 World Bank Climate Change 2.0 Roundtable	<i>Washington</i> USA	04/15	❖		❖			
CPS-2015 CHIST-ERA Projects Seminar 2015	<i>Madrid</i> Spain	03/15	❖		❖			
HICSS-2015 48th Hawaii International Conference on System Sciences	<i>Kauai</i> USA	01/15					T	
ISWC-2014 13th International Semantic Web Conference (ISWC-2014)	<i>Riva del Garda</i> Italy	10/14		❖				

DESCRIPTION	LOCATION & DATE		FUNCTION(S)					
			P	A	S	R	C	M
IHC-2014 13th Brazilian Symposium on Human Factors in Computer Systems	<i>Foz d Iguacu</i> Brazil	10/14	❖	❖	❖			
CAPS-2014 1st International Event on Collective Awareness Platforms for Sustainability and Social Innovation	<i>Brussels</i> Belgium	07/14	❖		❖			
EICS-2014 ACM SIGCHI Symposium on Engineering Interactive Computing Systems	<i>Rome</i> Italy	06/14		❖				
WIMS-2014 4th International Conference on Web Intelligence, Mining and Semantics	<i>Saloniki</i> Greece	06/14		❖				
IDC-2014 Data Hub Conference	<i>Vienna</i> Austria	06/14	❖		❖			
LREC-2014 9th International Conference on Language Resources and Evaluation	<i>Reykjavik</i> Iceland	05/12		❖				
Tourism-2020 Workshop on Future Challenges of Tourism Marketing	<i>Mayrhofen</i> Austria	05/14	❖		❖		W	
CPS-2014 CHIST-ERA Projects Seminar 2014	<i>Istanbul</i> Turkey	03/14	❖		❖			
HICSS-2014 47th Hawaii International Conference on System Sciences	<i>Hawaii</i> USA	01/14						T
COP-19 United Nations Climate Change Conference, Connect4Climate Workshop by the World Bank	<i>Warsaw</i> Poland	11/13	❖		❖			
WebMedia-2013 19th Brazilian Symposium on Multimedia and the Web	<i>Salvador</i> Brazil	11/13	❖	❖	❖			
CSDS-2013 3rd Annual Cloud and Smart Data Summit	<i>Vienna</i> Austria	09/13			❖			
I-KNOW-2013 13th International Conference on Knowledge Management	<i>Graz</i> Austria	09/13	❖	❖	❖			
K-Cap-2013 7th International Conference on Knowledge Capture	<i>Banff</i> Canada	06/13		❖				
WWW-2013 22nd International World Wide Web Conference, Workshop on Multidisciplinary Approaches to Big Social Data Analysis	<i>Rio de Janeiro</i> Brazil	05/13		❖		❖		❖
X.Days 2013 Greenplum Breakout Session	<i>Interlaken</i> Switzerland	03/13	❖		❖			
AAAS-2013 American Association for the Advancement of Science Annual Meeting	<i>Boston</i> USA	02/13			❖			
HICSS-2013 46th Hawaii International Conference on System Sciences	<i>Hawaii</i> USA	01/13	❖	❖	❖			T
SBBD-2012 27th Brazilian Symposium on Databases	<i>São Paulo</i> Brazil	10/10	❖	❖	❖			
WebMedia-2012 18th Brazilian Symposium on Multimedia and the Web	<i>São Paulo</i> Brazil	10/12	❖	❖	❖			

DESCRIPTION	LOCATION & DATE		FUNCTION(S)					
			P	A	S	R	C	M
KEOD-2012 4th International Conference on Knowledge Engineering and Ontology Development	<i>Barcelona</i> Spain	10/12		❖				
DaWaK-2012 14th International Conference on Data Warehousing and Knowledge Discovery	<i>Vienna</i> Austria	09/12		❖				
I-KNOW-2012 12th International Conference on Knowledge Management	<i>Graz</i> Austria	09/12		❖				
CUBE-2012 International Information Technology Conference & Exhibition	<i>Pune</i> India	09/12						❖
BD-2012 Big Data Europe – Business Intelligence, Customer and Social Data Analytics	<i>Zurich</i> Switzerland	08/12	❖		❖			
Alpbach-2012 European Forum Alpbach	<i>Alpbach</i> Austria	08/12	❖					
GRC-2012 Gordon Research Conference – Science and Technology Policy in Global Context	<i>Waterville Valley</i> USA	08/12		❖				
EICS-2012 ACM SIGCHI Symposium on Engineering Interactive Computing Systems	<i>Copenhagen</i> Denmark	06/12	❖	❖	❖			
RIO+20 United Nations Conference on Sustainable Development	<i>Rio de Jan.</i> Brazil	06/12	❖	❖	❖			
AVI-2012 ACM Working Conference on Advanced Visual Interfaces	<i>Capri</i> Italy	05/12	❖		❖			
LREC-2012 8th International Conference on Language Resources and Evaluation	<i>Istanbul</i> Turkey	05/12		❖				
IRM-2012 Int'l Conference on Information Resources Management	<i>Vienna</i> Austria	05/12		❖				
WWW-2012 21st International World Wide Web Conference, 2nd Workshop on Making Sense of Microposts	<i>Lyon</i> France	04/12		❖				
HICSS-2012 45th Hawaii International Conference on System Sciences	<i>Hawaii</i> USA	01/12						T
WCD-2011 Digital Future WU Competence Day	<i>Vienna</i> Austria	11/11	❖		❖			
EMC-2011 Cloud Meets Big Data EMC Forum 2011	<i>Vienna</i> Austria	11/11	❖		❖			
CIKM-2011 20th ACM Conference on Information and Knowledge Management	<i>Glasgow</i> UK	10/11		❖				
CLIHC/IHC-2011 5th Latin-American Conf. on Human-Computer Interaction; 10th Brazilian Symp. on Human Factors in Computer Systems	<i>Porto de Galinhas</i> Brazil	10/11	❖	❖	❖			
EnviroInfo-2011 25th International Conference on Informatics for Environmental Protection	<i>Ispra</i> Italy	10/11	❖		❖			

DESCRIPTION	LOCATION & DATE		FUNCTION(S)					
			P	A	S	R	C	M
I-KNOW-2011 11th International Conference on Knowledge Management, Special Track on Theory and Applications of Visual Analytics	<i>Graz</i> Austria	09/11				❖		❖
HICSS-2011 44th Hawaii International Conference on System Sciences	<i>Hawaii</i> USA	01/11		❖				T
KDIR-2010 International Conference on Knowledge Discovery and Information Retrieval	<i>Valencia</i> Spain	10/10		❖				
SBBD-2010 25th Brazilian Symposium on Databases	<i>Belo Horiz.</i> Brazil	10/10	❖	❖	❖			
IHC-2010 9th Brazilian Symposium on Human Factors in Computer Systems	<i>Belo Horiz.</i> Brazil	10/10	❖	❖	❖			
WSKS-2010 3rd World Summit on the Knowledge Society	<i>Corfu</i> Greece	09/10	❖	❖	❖			
DEXA-2010 21st International Conference on Database and Expert Systems Applications, 9th International Workshop on Web Semantics	<i>Bilbao</i> Spain	08/10		❖				
ECAI-2010 19th European Conference on Artificial Intelligence	<i>Lisbon</i> Portugal	08/10		❖				
ICWE-2010 10th International Conference on Web Engineering, International Workshop on Web Engineering and Tourism	<i>Vienna</i> Austria	07/10						W
DEST-2010 4th IEEE International Conference on Digital Ecosystems and Technologies	<i>Dubai</i> UAE	04/10	❖	❖	❖			
AustroClim-2010 11th Austrian Climate Day	<i>Vienna</i> Austria	03/10	❖	❖	❖			
HICSS-2010 43rd Hawaii International Conference on System Sciences	<i>Hawaii</i> USA	01/10						T
EnviroInfo-2009 23rd International Conference on Informatics for Environmental Protection	<i>Berlin</i> Germany	09/09	❖		❖	❖		❖
I-KNOW-2009 9th International Conference on Knowledge Management	<i>Graz</i> Austria	09/09	❖					
TourMIS-2009 5th ECM & ETC Joint TourMIS Workshop	<i>Vienna</i> Austria	09/09	❖		❖			
OneSpace-2009 2nd International Workshop on Blending Physical and Digital Spaces on the Internet	<i>Berlin</i> Germany	09/09						W
DEXA-2009 20th International Conference on Database and Expert Systems Applications, 8th International Workshop on Web Semantics	<i>Linz</i> Austria	08/09		❖				
ESWC-2009 6th Annual European Semantic Web Conference	<i>Heraklion</i> Greece	06/09				❖		
ITEE-2009 4th International Symposium on Information Technologies in Environmental Engineering	<i>Saloniki</i> Greece	05/09				❖		❖

DESCRIPTION	LOCATION & DATE		FUNCTION(S)					
			P	A	S	R	C	M
Towards eEnvironment European Conference of the Czech Presidency of the Council of the EU: Integrating Environmental Knowledge in Europe	<i>Prague</i> Czech Republic	03/09						❖
ENTER-2009 16th Annual Conference of the International Federation for IT and Travel & Tourism	<i>Amsterdam</i> Netherlands	01/09						❖
HICSS-2009 42nd Hawaii International Conference on System Sciences	<i>Hawaii</i> USA	01/09					T	
LA-Web 2008 6th Latin American Web Congress	<i>Vila Velha</i> Brazil	10/08	❖					
WebMedia-2008 14th Brazilian Symposium on Multimedia and the Web	<i>Vila Velha</i> Brazil	10/08	❖	❖	❖			
IHC-2008 8th Brazilian Symposium on Human Factors in Computer Systems	<i>Pt Alegre</i> Brazil	10/08	❖	❖	❖			
ARW-2008 NATO Advanced Research Workshop on Geographical Information Proc. and Visual Analytics for Environmental Security	<i>Trento</i> Italy	10/08	❖	❖	❖			
DEXA-2008 19th International Conference on Database and Expert Systems Applications, 7th International Workshop on Web Semantics	<i>Turin</i> Italy	09/08		❖				
OneSpace-2008 First International Workshop on Blending Physical and Digital Spaces on the Internet	<i>Vienna</i> Austria	09/08	❖		❖		W	
EnviroInfo-2008 22nd International Conference on Informatics for Environmental Protection	<i>Lüneburg</i> Germany	09/08				❖		❖
I-MEDIA-2008 2nd International Conference on New Media Technology	<i>Graz</i> Austria	09/08						❖
I-KNOW-2008 8th International Conference on Knowledge Management	<i>Graz</i> Austria	09/08	❖	❖	❖			
AMCIS-2008 14th Americas Conference on Information Systems	<i>Toronto</i> Canada	08/08					T	
iEMSS-2008 International Congress on Environmental Modeling and Software	<i>Barcelona</i> Spain	07/08	❖		❖			
NOAA-2008 A Meeting to Assess Public Attitudes about Climate Change	<i>Washington</i> USA	04/08	❖		❖			
ENTER-2008 15th Annual Conference of the International Federation for IT and Travel & Tourism	<i>Innsbruck</i> Austria	01/08	❖	❖	❖			
ACIS-2007 18th Australasian Conference on Information Systems	<i>Brisbane</i> Australia	12/07					T	❖
ODBASE-2007 6th International Conference on Ontologies, Databases and Applications of Semantics	<i>Vilamoura</i> Portugal	11/07		❖				
ISWC-2007 6th International Semantic Web Conference	<i>Busan</i> Korea	11/07		❖				
WGKI-2007 Workshop on Geospatial Knowledge Infrastructures	<i>Cardiff</i> UK	11/07			❖			

DESCRIPTION	LOCATION & DATE		FUNCTION(S)					
			P	A	S	R	C	M
Innovations-2007 4th International Conference on Innovations in Information Technology	<i>Dubai</i> UAE	11/07	❖	❖	❖			
ICDIM-2007 2nd IEEE Int'l Conference on Digital Information Management	<i>Lyon</i> France	10/07		❖				
ISGI-2007 2nd International Symposium on Generalization of Information	<i>Geneva</i> Switzerland	10/07						❖
CONFENIS-2007 2nd IFIP International Conference on Research and Practical Issues of Enterprise Information Systems	<i>Beijing</i> China	10/07						❖
I-MEDIA-2007 1st International Conference on New Media Technology	<i>Graz</i> Austria	09/07	❖			❖	C	❖
I-KNOW-2007 7th International Conference on Knowledge Management, Knowledge Visualization and Knowledge Discovery Workshop	<i>Graz</i> Austria	09/07	❖		❖			❖
AMCIS-2007 13th Americas Conference on Information Systems	<i>Keystone</i> USA	08/07					T	
ISDE-2007 5th International Symposium on Digital Earth	<i>San Francisco,</i> USA	06/07	❖	❖	❖			
AWIC-2007 5th Atlantic Web Intelligence Conference	<i>Fontainebl.</i> France	06/07		❖				
ISESS-2007 International Symposium on Environmental Software Systems	<i>Prague</i> CZE	05/07	❖	❖				
IEEE-DEST 2007 Inaugural IEEE International Digital Ecosystems and Technologies Conference	<i>Cairns</i> Australia	02/07						❖
LAWeb-2006 4th Latin American Web Congress	<i>Puebla</i> Mexico	10/06						❖
IWWPST-2006 2nd International Workshop on Web Portal-based Solutions for Tourism and Other Business Areas	<i>Münster</i> Germany	09/06	❖		❖			
ICSOFT-2006 International Conference on Software and Data Technologies	<i>Setúbal</i> Portugal	09/06	❖					❖
EnviroInfo-2006 20th International Conference on Informatics for Environmental Protection	<i>Graz</i> Austria	09/06	❖		❖	❖	C	
I-KNOW-2006 6th International Conference on Knowledge Management	<i>Graz</i> Austria	09/06	❖					❖
ICWE-2006 6th International Conference on Web Engineering	<i>Palo Alto</i> USA	07/06						❖
ICEIS-2006 8th Int'l Conference on Enterprise Information Systems	<i>Paphos</i> Cyprus	05/06				❖		❖
EACL-2006 11th Conference of the European Chapter of the Association for Computational Linguistics (2nd Web as Corpus Workshop)	<i>Trento</i> Italy	04/06	❖	❖				
BAA-2006 British Accounting Association Annual Conference	<i>Portsmouth</i> UK	04/06		❖				
EAA-2006 29th Annual Congress of the European Accounting Association	<i>Dublin</i> Ireland	03/06		❖				

DESCRIPTION	LOCATION & DATE		FUNCTION(S)					
			P	A	S	R	C	M
HICSS-2006 39th Hawaii International Conference on System Sciences	<i>Kauai</i> USA	01/06		❖		❖	T	
LAWeb-2005 3rd Latin American Web Congress	<i>B. Aires</i> Argentina	10/05						❖
EnviroInfo-2005 19th International Conference on Informatics for Environmental Protection	<i>Brno</i> Czech Republic	09/05	❖	❖	❖	❖	S	❖
ITEE-2005 Information Technologies in Environmental Engineering	<i>Magdeburg</i> Germany	09/05						❖
ISGI-2005 International Symposium on Generalization of Information	<i>Berlin</i> Germany	09/05	❖	❖	❖			
INDIN-2005 3rd International IEEE Conference on Industrial Informatics	<i>Perth</i> Australia	08/05						❖
ICWE-2005 5th International Conference on Web Engineering	<i>Sydney</i> Australia	07/05				❖		❖
CEC-2005 7th International IEEE Conference on E-Commerce Technology	<i>Munich</i> Germany	07/05				❖		❖
I-KNOW-2005 5th International Conference on Knowledge Management	<i>Graz</i> Austria	06/05	❖	❖	❖	❖		❖
CoMpEeT-2005 2nd Conference on Managing panEuropean eTransformation	<i>Vienna</i> Austria	06/05						❖
ICEIS-2005 7th Int'l Conference on Enterprise Information Systems	<i>Miami</i> USA	05/05				❖		❖
HICSS-2005 38th Hawaii International Conference on System Sciences	<i>Hawaii</i> USA	01/05	❖	❖	❖	❖	T	
WeB-2004 5th International Working for e-Business Conference	<i>Perth</i> Australia	11/04	❖	❖				
ICWE-2004 4th International Conference on Web Engineering	<i>Munich</i> Germany	07/04	❖	❖	❖	❖	S	❖
eSociety-2004 Conference of the International Association for the Development of Information Society	<i>Ávila</i> Spain	07/04	❖	❖	❖		S	
PlaNetwork-2004 Conference on Internet Activism	<i>San Francisco, USA</i>	06/04	❖		❖			
IEMSS-2004 International Environmental Modeling and Software Society Conference	<i>Osnabrück</i> Germany	06/04				❖		
ICEIS-2004 6th Int'l Conference on Enterprise Information Systems	<i>Porto</i> Portugal	04/04						❖
HICSS-2004 37th Hawaii International Conference on System Sciences	<i>Hawaii</i> USA	01/04		❖		❖		
ACIS-2003 14th Australasian Conference on Information Systems	<i>Perth</i> Australia	11/03	❖					
WeB-2003 4th International Working for e-Business Conference	<i>Perth</i> Australia	11/03	❖	❖				
SMA-2003 Sport Marketing Association Inaugural Conference	<i>Gainesville</i> USA	11/03		❖				
Sustainable Tourism Workshop, University of Western Australia	<i>Perth</i> Australia	11/03	❖		❖		C	

DESCRIPTION	LOCATION & DATE		FUNCTION(S)					
			P	A	S	R	C	M
AMA-2003 Summer Marketing Educators' Conference	<i>Chicago</i> USA	08/03				❖		
ICWE-2003 3rd International Conference on Web Engineering	<i>Oviedo</i> Spain	07/03		❖			❖	❖
ECIS-2003 11th European Conference on Information Systems	<i>Naples</i> Italy	06/03	❖	❖				
ISES-2003 Solar World Congress of the International Solar Energy Society	<i>Gothenburg</i> Sweden	06/03	❖	❖	❖			
PlaNetwork-2003 Conference on Networking a Sustainable Future	<i>San Francisco</i> , USA	06/03	❖					
DIVE-2003 Symposium on Distributive Interactive Virtual Environments	<i>Perth</i> Australia	05/03	❖					
ICEIS-2003 5th Int'l Conference on Enterprise Information Systems	<i>Angers</i> France	04/03						❖
IDEAL-2003 4th International Conference on Intelligent Data Engineering and Automated Learning	<i>Hong Kong</i> Hong Kong	03/03		❖				
HICSS-2003 36th Hawaii International Conference on System Sciences	<i>Hawaii</i> USA	01/03					❖	
ICIS-2002 23rd International Conference on Information Systems	<i>Barcelona</i> Spain	12/02					❖	
WeB-2002 3rd International Working for e-Business Conference	<i>Perth</i> Australia	11/02	❖	❖	❖			
Sustainable Universities 2002 FORUM Umweltbildung and Club of Rome Symposium	<i>Vienna</i> Austria	10/02	❖					
Solar City Renewal European Symposium and Exhibition on Solar Architecture and Solar Buildings	<i>Vienna</i> Austria	09/02	❖					
ICWE-2002 2nd International Conference on Web Engineering	<i>Santa Fe</i> Argentina	09/02					❖	❖
City Tourism 2002 International City Tourism Conference	<i>Vienna</i> Austria	06/02		❖				
ENTER-2002 9th International Conference on Information Technology and Travel & Tourism	<i>Innsbruck</i> Austria	01/02		❖				
HICSS-2002 35th Hawaii International Conference on System Sciences	<i>Hawaii</i> USA	01/02					❖	
ISES-2001 Solar World Congress of the International Solar Energy Society	<i>Adelaide</i> Australia	11/01	❖	❖	❖			
ISEEC-2001 International Sustainable Energy Exhibition and Convention	<i>Adelaide</i> Australia	11/01	❖					
WeB-2001 2nd International Working for e-Business Conference	<i>Perth</i> Australia	11/01		❖				
I3E-2001 1st IFIP Conference on eBusiness, eCommerce & eGovernment	<i>Zurich</i> Switzerland	10/01					❖	
Alpbach-2001 European Forum Alpbach	<i>Alpbach</i> Austria	08/01	❖	❖	❖			
ECIS-2001 9th European Conference on Information Systems	<i>Bled</i> Slovenia	06/01	❖					

DESCRIPTION	LOCATION & DATE		FUNCTION(S)					
			P	A	S	R	C	M
Bled-2001 14th International Bled Electronic Commerce Conference	<i>Bled</i> Slovenia	06/01	❖		❖			
IRMA-2001 Information Resources Management Association International Conference	<i>Toronto</i> Canada	05/01	❖	❖	❖			❖
HICSS-2001 34th Hawaii International Conference on System Sciences	<i>Maui</i> USA	01/01				❖		
ICIS-2000 21st International Conference on Information Systems	<i>Brisbane</i> Australia	12/00	❖					
ACIS-2000 11th Australasian Conference on Information Systems	<i>Brisbane</i> Australia	12/00	❖	❖	❖			
WeB-2000 1st International Working for e-Business Conference	<i>Perth</i> Australia	11/00	❖	❖	❖			
Interweb-2000 Internet Exhibition, Vienna Museum of Technology	<i>Vienna</i> Austria	10/00	❖		❖			
ISD-2000 9th International Conference on Information Systems Development	<i>Kristian- sand</i> Norway	08/00		❖				
ECIS-2000 8th European Conference on Information Systems	<i>Vienna</i> Austria	07/00	❖	❖	❖			s
AIWIS-2000 1st Austrian-Italian Workshop on Information Systems	<i>Vienna</i> Austria	07/00	❖	❖				
ICSE-2000 22nd International Conference on Software Engineering (Second ICSE Workshop on Web Engineering)	<i>Limerick</i> Ireland	06/00	❖	❖	❖			
WAC-2000 World Automation Congress	<i>Maui</i> USA	06/00		❖				
IRMA-2000 Information Resources Management Association International Conference	<i>Anchorage</i> USA	05/00	❖	❖	❖			❖
HICSS-2000 33rd Hawaii International Conference on System Sciences	<i>Maui</i> USA	01/00				❖		
ICIS-99 20th International Conference on Information Systems	<i>Charlotte</i> USA	12/99	❖	❖	❖			
ACIS-99 10th Australasian Conference on Information Systems	<i>Wellington</i> NZ	12/99	❖	❖	❖			
MEC-99 ISI Cutting Edge Conference on the Measurement of Electronic Commerce	<i>Singapore</i> Singapore	12/99		❖				
IWTEC-99 1st International Workshop for Transaction-based Electronic Commerce	<i>Perth</i> Australia	11/99	❖	❖	❖	❖		s ❖
WAWISR-99 2nd Western Australian Workshop on Information Systems Research	<i>Perth</i> Australia	11/99	❖	❖	❖			
COTIM-99 3rd International Conference on Telecommunications and Information Markets	<i>Providence</i> USA	09/99		❖				
DL-99 / WOWS-99 4th ACM Conference on Digital Libraries (ACM Digital Library Workshop on Organizing Web Space)	<i>Berkeley</i> USA	08/99	❖					

DESCRIPTION	LOCATION & DATE		FUNCTION(S)					
			P	A	S	R	C	M
SIGIR-99 22nd International Conference on Research and Development in Information Retrieval	<i>Berkeley</i> USA	08/99	❖					
ACSM-99 46th Annual Meeting, American College of Sports Medicine	<i>Seattle</i> USA	06/99		❖				
Bled-99 12th International Bled Electronic Commerce Conference	<i>Bled</i> Slovenia	06/99	❖	❖	❖			
ECIS-99 7th European Conference on Information Systems	<i>Copenhagen</i> DK	06/99	❖	❖	❖			
ICA-99 49th Annual Conference of the International Communication Association	<i>San Francisco</i> USA	05/99	❖					
AusWeb-99 5th Australian World Wide Web Conference	<i>Ballina</i> Australia	04/99	❖	❖	❖			
WI-99 4th International Conference on Business Information Systems	<i>Saarbr.</i> Germany	03/99				❖		
HICSS-99 32nd Hawaii International Conference on System Sciences	<i>Maui</i> USA	01/99	❖	❖	❖			
WAWISR-98 1st Western Australian Workshop on Information Systems Research	<i>Perth</i> Australia	11/98		❖				
AIS-98 4th Americas Conference on Information System	<i>Baltimore</i> USA	08/98	❖	❖	❖	❖		s
Bled-98 11th International Bled Electronic Commerce Conference	<i>Bled</i> Slovenia	06/98	❖	❖	❖			
ITS-98 12th Biennial Conference of the International Telecommunications Society	<i>Stockholm</i> Sweden	06/98	❖	❖	❖			
IRMA-98 Information Resources Management Association International Conference	<i>Boston</i> USA	05/98	❖	❖	❖			s
BITWorld-98 Business Information Technology Management Conference	<i>Delhi</i> India	02/98	❖	❖	❖			
HICSS-98 31st Hawaii International Conference on System Sciences	<i>Kona</i> USA	01/98	❖	❖	❖			
ECIS-97 5th European Conference on Information Systems	<i>Cork</i> Ireland	06/97				❖		
ICIS-96 17th International Conference on Information Systems	<i>Cleveland</i> USA	12/96	❖					