

CURRICULUM VITAE: LORA AROYO

I. PERSONALIA

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II. EDUCATION

Karl Liebknecht	German Language High School (Gymnasium, beta)
Sofia University	Computer Science M.Sc.
University of Twente	Educational Science & Technology / Computer Science

III. EMPLOYMENT

2006 – present	Vrije Universiteit Amsterdam (VU) Computer Science – Web & Media Group assistant professor (full time)
2001 – 2006	Eindhoven University of Technology (TU/e) Computer Science – Information Systems Group assistant professor (full time)
2005 – 2006	CWI, Amsterdam INS2 Group guest-researcher (part time)
2001 – 2004	University of Twente (UT) Computer Science – Application Protocols Group assistant professor (part time)
1997 – 2001	University of Twente (UT) Educational Science & Technology PhD student (full time)
1996 – 1997	Sofia University Computer Science and Mathematics research assistant (part time)

IV. PROJECTS AND GRANTS

See Appendix 1 for a full list of projects with their description and my role in them

PROJECT COORDINATION

Scientific Director of EU Integrated Project: NoTube, (2009-2012), <http://notube.tv>

Scientific Coordinator of NWO project: CHIP, (2006-2010), <http://chip-project.org>

GRANTS @ VU

- 2010 – 2011 TruSIS: Trust in Internetworking; Marie Curie FP7; with Pasquale De Meo
- 2009 – 2012 NoTube: Networks and Ontologies for the Transformation and Unification of Broadcasting and the Internet
EU Integrated Project (**VU Coordinator**)
- 2009 – 2012 PrestoPrime: Keeping Audiovisual Contents Alive
EU Integrated Project
- 2009 – 2013 Agora: Creating the Historic Fabric for and Providing Web-enabled Access to Objects in Dynamic Historical Sequences
NWO CATCH Program
- 2009 HD Videoconferencing
SURFnet HD Videoconferencing wedstrijd

GRANTS @ TU/E

- 2005 – 2010 CHIP: Cultural Heritage Information Personalization
NWO CATCH Program
- 2005 – 2006 Passepartout: Personalised Media for Ambient Experience
ITEA, SenterNovem
- 2004 – 2006 MobiLife: Advancing mobile applications and services in everyday life
EU IST (Integrated Project)
Sub-contract for Telematica Instituut
- 2004 – 2006 AlterEgo: Cross-domain User Profiling
Telematica Instituut, IBM and (ICES/KIS) MultimediaN
Sub-contract for Telematica Instituut
- 2004 – 2005 SWALE: Semantic Web for Adaptive Learning Environments
NWO – British Council (NL-UK collaboration program)
- 2003 – 2004 TOPIA: From semantics, through narrative, to presentation
Telematica-instituut, IBM
Sub-contract for Telematica Instituut

GRANTS @ UNIVERSITY OF TWENTE

- 2001 – 2003 Agent Academy

EU FP5 IST Project

SPECIAL

- 2007 DISTRIBUTED PERSONALIZATION: Enabling Reusability and Integration of User Data Across Applications and Devices
NWO Vernieuwingsimpuls Vidi
Ranked 5th in final round of 10, 4 funded, (*funding not sufficient*)

OTHER PROJECT ACTIVITIES

- Preparation for the *deployment of CHIP project results* for the Rijksmuseum, in collaboration with Rijksmuseum, Fabrique, Q42 (within the context of NWO CATCHPlus).
- Participation in the launching of *Waisda? Video Annotation Game*, in collaboration with Beeld en Geluid, KRO and Q42 (within the context of PrestoPrime project).
- Project work in the *iFanzzy Project*, Stoneroos, TU/e (principal investigator)
- Evaluation studies for *PK Online annotation tool* (within the MultimediaN e-Culture project with Rijksmuseum).
- Work on the *Your annotation zone* (within the MultimediaN e-Culture project).
- Support for evaluation studies for *GTAA Browser* (within the NWO CHOICE project with Beeld en Geluid, Max Plank Institute and Telematica Institute).

V. INTERNATIONAL AND NATIONAL POSITIONS

- Advisory Board *User Modelling Inc.*
- Steering Committee *European Semantic Web Conference*.
- NWO CATCHPlus Program Advisory Committee.
- NWO CATCH 2 Program Working Group.
- Project Reviewer *iCamp* EU FP6 STREP Project.
- EU FP6 Project proposals reviewer.
- FWF Austrian Science Fund review panel.
- Evaluator for Research & Dissemination Grants, Research Council of Canada

VI. HONORS AND AWARDS

- **1st Prize:** EuroITV'10 Competition Grand Challenge: Waisda? Video Tagging Game
- **Best poster:** WebSci'10 Conference: NoTube: Making the Web Part of Personalised TV
- **DISH2009 Digital Heritage Award:** Agora project
- **3rd Prize:** Semantic Web Challenge Award: CHIP Demonstrator, 2007

- **Best Paper:** James Chen Annual Award Best UMUAI Article: The Effects of Transparency on Trust in and Acceptance of a Content-based Art Recommender, UMUAI 18(5), pp. 455-496, Henriette Cramer, Vanessa Evers, Satyan Ramlal, Maarten van Someren, Lloyd Rutledge, Natalia Stash, Lora Aroyo, Bob Wielinga. <http://www.umuai.org/james-chen-award.html>.
- **Nomination:** iFanzly Demonstrator, nomination (top 4) for the iTV 2007 Award
- **Nomination:** iFanzly Demonstrator, nomination (top 5) for the Semantic Web Challenge Award, at ISWC 2007 (24 submissions)

VII. OVERVIEW OF RESEARCH COLLABORATIONS

Since the beginning of my research career as a PhD student at the University of Twente I have been actively collaborating with researchers both in the Netherlands and internationally. After my PhD defense in 2001, I continued expanding my network with research institutions, as well as with public organizations and companies. This resulted in acquiring my first research projects, supervising international and national students and also exchanging teaching contributions with several of my national and international colleagues. My work on different projects involved active outreach to companies and professional organizations interested in deploying our successful research results (*for the full list of projects see Appendix 1*). I have been invited to give talks for the dissemination of our research results at different professional venues, research institutions and companies. I have participated in the organization of more than 20 prestigious events, conferences, workshops and tutorials around the world (*for more details see Sections VIII, IX and X*).

Building a prominent *international* research network was a central part of my career. In order to give a flavor of my research development, below I enumerate some of the important collaborations in the last 8 years:

- Invited researcher at ISIR, at *Prof. Riichiro Mizoguchi's* Lab, Osaka University, Japan (2002 – 2005, individual visits, in total several months).
- Research visits at the Automated Reasoning Group of *Prof. Anthony Cohn*, Leeds University, UK (2004 – 2005, individual visits, in total several months, joint supervision of students with Vania Dimitrova).
- Joint work on establishing the Semantic Web research stream in the field of Educational Systems with *Prof. Darina Dicheva*, Computer Science Department, Winston Salem State University, USA (2002 – 2006, joint supervision of students, research papers, workshops).
- International research groups, among others, I have visited and collaborated with at *DFKI, L3S, IRST at FBK, Helsinki University of Technology, Haifa University, Open University, University of Memphis, Stanford, MIT, KAIST-Korea Advanced Institute of Science and Technology (Sung-Kook Han), Ben-Gurion University of the Negev, Pontificia Universidade Católica do Rio de Janeiro, etc.*

Through my work at the *national* level I have also established strong working relationships with various national research and professional organizations, e.g. CWI, TNO, NWO, Telematica Institute, UvA, UT, RU.

- The small-scale research grants acquired as a sub-contractor for Telematica Institute allowed me to deepen in several practical aspects of Personalization on the Web and also work on concrete use cases with companies like IBM.

- As a part-time guest researcher at the INS2 Group at CWI, I have explored various aspects of Interactivity and Presentation of Semantic Web applications.
- These collaborations set the research basis to expand my scale of work and acquire larger scale projects, such as Passepartout and CHIP, in which I have worked closely with Philips and Rijksmuseum Amsterdam.
- The experience gathered in these two projects, in terms of research insights, depth and project management skills, opened possibilities to apply my work on Semantic Web and Personalization in Beeld en Geluid, Rijksmuseum, De Waag, Digitaal Erfgoed Nederland, Instituut Collectie Nederland, Stichting MuseumNacht, with which I have long-term collaborations.
- The wide experience with different cultural heritage institutions and the active involvement in the CATCH program was naturally continued with my participation as an external expert for NWO in advisory committees for defining research and deployment programs, such as CATCH 2 and CATCHPlus.
- Currently, acting as an advisor for the Rijksmuseum in the deployment of CHIP project results within the context of the CATCHPlus project.

Further, my research experience and growth benefited a lot from intensive contacts with *companies* in different contexts. I have done joint-work on projects and joint-supervision of students with companies, such as BBC, RAI, Korea Telecom, Philips, Vodafone R&D, KRO, Ilse Media, NedTrein, V2_, Stoneroos Interactive TV, Q42, Asemantics, DSL, Everest, Hyves, Aduna, Everest, Tresorix.

Important for my research development were also my *educational* activities. In those years I have always strived towards a close symbiosis between my research and my educational tasks. I have regularly used my research network to invite interesting speakers from academia (e.g. UvA, CWI, University of Nijmegen, TNO) and industry (e.g. Ilse Media, Everest, Aduna, c-Content) in courses given both at TU/e and VU. Companies like Stoneroos and Rijksmuseum have provided use cases for students in the Human Computer Interaction course, as well as the Information Science Project course at VU. I have also given several lectures related to my research topics, e.g. in the Interactive Systems SIKS course and in the Information Retrieval course at University of Nijmegen.

INTERTAIN Experimental Research[®] plays a central role in my research. Starting from a vision developed in an NWO Vidi proposal, I have worked together with a very enthusiastic team at VU for design and realization of the HomeLab and the HumanAmbienceLab as part of the INTERTAIN Experimental Research[®] for the whole computer science department. My long-term goal is to exploit the facilities provided by these labs in all the projects I am involved in, and to also use my wide network of national and international institutions and companies for participation and support of the INTERTAIN initiative.

VIII. CONFERENCE AND TRACK CHAIRING

Served as a chair and co-chair for various core conferences, conference tracks and events in the field of Semantic Web, Education, and Personalization.

- *Program Co-chair:* International Semantic Web Conference (ISWC 2011), Germany.
- *HCI Track Co-chair:* EuroITV2011 Conference, Portugal
- *Conference Chair:* European Semantic Web Conference (ESWC 2010), Heraklion, Greece, 30 May – 3 June 2010.
- *Program Co-chair:* European Semantic Web Conference (ESWC 2009), Heraklion, Greece, 31 May – 4 June 2009.
- *Special Track Co-chair:* AI and the Web track at AAAI 2010, Atlanta, Georgia, USA, July, 2010.
- *Doctoral Consortium Chair:* International Semantic Web Conference (ISWC 2006), Galway, Ireland, October, 2006.
- *Deputy Vice Chair Education Track:* International World-Wide Web Conference (WWW 2005), Chiba, Japan, May, 2005.
- *Chair Interactive Events:* International AI-ED Conference 2005, Amsterdam, The Netherlands, July, 2005.
- *Co-Chair Workshop and Tutorials:* International Conference on Adaptive Hypermedia and Web-based Systems (AH'04), Eindhoven, The Netherlands, 2004.

IX. WORKSHOP AND TUTORIAL ORGANIZATION

Organized numerous workshops and tutorials at various international high ranked conferences in cooperation with prominent researchers from different international institutions, e.g. DFKI, DERI, Open University, University of Rome, University of Leeds, in the fields of Semantic Web, Personalization and Education.

- *Workshop Co-organizer:* NoTube: Personalized TV & Web, at EuroITV Conference 2011.
- *Workshop Co-organizer:* Visual Interfaces to the Social and Semantic Web (VISSW'11) at IUI Conference 2011.
- *Workshop Co-organizer:* Personalized Access to Cultural Heritage (PATCH'11) at IUI Conference 2011.
- *Tutorial Co-organizer:* User-Centered Design for the Semantic Web at ISWC 2007 (together with Prof. Anthony Jameson).
- *Workshop Co-organizer:* Visual Interfaces to the Social and Semantic Web (VISSW'10) at IUI Conference 2010.
- *Workshop Co-organizer:* Personalized Access to Cultural Heritage (PATCH'08) at AH Conference 2008
- *Workshop Co-organizer:* Personalized Access to TV Content at EuroITV Conference 2007.
- *Workshop Co-organizer:* Personalized Access To Cultural Heritage (PATCH'07) at User Modelling Conference 2007.

- *Workshop Co-organizer: Cultural Heritage on the Semantic Web at ISWC Conference 2007.*
- *Workshop Co-organizer: Personalization on the Semantic Web (PerSWeb'05) at User Modelling Conference 2005.*
- *Workshop Co-organizer: Applications of Semantic Web Technologies for E-Learning (SW-EL'05) at ICALT Conference 2005.*
- *Workshop Co-organizer: 3 editions of Applications of Semantic Web Technologies for E-Learning (SW-EL'04) at AH, ITS and ISWC Conferences 2004.*
- *Workshop Co-organizer: Concepts and Ontologies in Web-based Educational Systems at ICCE Conference 2002*

X. EDITORIAL ACTIVITIES

Serving as a guest editor for five special issues and as editor for two major conferences in the field of Semantic Web. For the complete list of editorials see the publication list.

- *Editor: The Semantic Web: Research and Applications, 7th European Semantic Web Conference, ESWC 2010, Heraklion, Crete, Greece, May 31-June 4, 2010, Proceedings Springer 2010.*
- *Editor: The Semantic Web: Research and Applications, 6th European Semantic Web Conference, ESWC 2009, Heraklion, Crete, Greece, May 31-June 4, 2009, Proceedings Springer 2009.*
- *Guest Editor: IEEE Intelligent Systems, Special Issue on AI and Cultural Heritage, L. Hardman, L. Aroyo, J. van Ossenbruggen, E. Hyvönen, IEEE Intelligent Systems, March/April 2009, Vol. 24 (2), 2009.*
- *Guest Editor: IEEE Intelligent Systems, Special Issue on Intelligent Educational Systems, Aroyo, L., Greasser, A., Johnson, L., IEEE Intelligent Systems, July/August 2007, Vol. 22 (4), 2007.*
- *Editor: The Semantic Web - ISWC 2006, 5th International Semantic Web Conference, ISWC 2006, Athens, GA, USA, November 5-9, 2006, Proceedings Springer 2006.*
- *Guest Editor: International Journal of Continuing Engineering Education and Life-long Learning (IJCEELL), Special Issue on Concepts and Ontologies in WBES, Vol. 14 (3), 2004.*
- *Guest Editor: International Journal of Continuing Engineering Education and Life-long Learning (IJCEELL), Special Issue on Software Agents in Education, Vol. 12 (3/4), 2002.*
- *Guest Editor: Journal for Interactive Learning Research (JILR), Special Issue on Intelligent Agents for Education and Training Systems, Vol. 10 (3/4), 2001.*

XI. JOURNAL REVIEWING ACTIVITIES

Serving on the editorial boards, as well as a journal associate, senior and regular reviewer for a number of international high ranked journals in the field of User Modeling, Human Computer Interaction, Internet, Semantic Web, and Education.

- Advisory Board *User Modelling Inc.*
- Editorial Board *Semantic Web Journal (SWJ)*.
- Steering Committee *European Semantic Web Conference*.
- Editorial Board for *ACE Journal of Interactive Learning Research (JIRL)*, ISSN: 1093-023X.
- Senior reviewer for *International Journal on User Modeling and User-Adapted Interaction (UMUAI)*, Kluwer Academic Publishers, ISSN: 0924-1868, (five-year impact factor 2.438).
- Journal associate for the *International Journal of Continuing Engineering Education and Life-long Learning (IJCEELL)*, ISSN: 1560-4624.
- Reviewer for *International Journal of Human-Computer Studies (IJHCS)*, Elsevier, ISSN: 1071-5819, (five-year impact factor 2.513).
- Reviewer for *Journal of Web Semantics*, Elsevier, ISSN: 1570-8268, (impact factor 3.023).
- Reviewer for *IEEE Internet Computing Journal*, Engineering and Applying the Internet, ISSN: 1570-5838, (five-year impact factor: 3.245).
- Reviewer for *Applied Ontology Journal*, An Interdisciplinary Journal of Ontological Analysis and Conceptual Modeling, IOS Press, ISSN: 1570-5838
- Reviewer for *Journal of International Forum of Educational Technology & Society and IEEE Learning Technology Task Force*, ISSN: 1436-4522.

XII. PC MEMBERSHIP

Serving as a PC member of numerous top conferences as well as workshops in the fields of Semantic Web, Knowledge Engineering, User Modeling and Personalization, User Interfaces, Web, and Education. Below a concise list is included of the most important ones.

CONFERENCES

International EKAW Conference (EKAW 2010), International Conference on Intelligent User Interfaces (IUI 2010), ACM Conference on Human Factors in Computing Systems (CHI 2010), International World Wide Web Conference (WWW 2010), User Modeling Conference (UM/UMAP 2005-2010), International Semantic Web Conference (ISWC 2005-2009), European Semantic Web Conference (ESWC 2007-2008), International Conference on Knowledge Capture (K-CAP 2007-2011), Artificial Intelligence in Education (AIED 2005-2009), Adaptive Hypermedia and Adaptive Web-Based Systems (AH 2003-2008), Intelligent Technologies for interactive enterTAINment (INTETAIN 2008-2009), IEEE International Conference on Advanced Learning Technologies (ICALT 2004), IEEE/ACM Conference on Web Intelligence and Intelligent Agents (WI 2004), AACE Conference on E-Learning in Corporate, Government, Healthcare & Higher Education (E-Learn 2004), International ACM SAC Track on Engineering e-

Learning Systems (SAC 2004), International IFIP Conference on AI Applications and Innovations (AIAI 2004), International Conference on Object-Oriented Information Systems (OOIS 2003).

WORKSHOPS

Visual Interfaces to the Social and Semantic Web at IUI 2010, Ubiquitous User Modeling at IUI 2008, Semantic Web User Interaction at CHI 2008, Distributed and Ubiquitous User Modelling at UM 2007, Social and Collaborative Construction of Structured Knowledge at WWW 2007, Semantic Web User Interaction at ISWC 2006.

XIII. INVITED PRESENTATIONS

- *Dagstuhl Seminar: Pervasive Public Display*, 3 – 8 Jan 2010, Dagstuhl, Germany
- *Human and Cognitive Language Technology 2009*, 10 Oct 2009, Daejeon, Korea.
- *Korea Telecom*, 9 Oct 2009, Seoul, Korea.
- *Dagstuhl Perspectives Workshop: Semantic Web Reflections and Future Directions*, 28 Jun - 3 Jul 2009, Dagstuhl, Germany.
- *Content-Based Multimedia Indexing 2009*, 5 Jun 2009, Chania, Greece.
- *MIT CSAIL Seminar*, 9 Apr 2009, Boston, USA.
- *Kennismarathon 2009: Competing for the VUture*, 19 Jan 2009, Amsterdam, The Netherlands
- *BBC Internet and Future Technologies*, 28 Nov 2008, London, UK.
- *Museum Symposium on Interaction, Mobility and Ubiquitous Availability*, Jewish Museum Berlin, 8 May 2008, Berlin, Germany.
- *Participation in e-culture*, Ministry of the Flemish Community for Culture, Youth, Sport and Media, 27 Mar 2007, Brussels, Belgium.
- *EUREKA Results and Perspectives*, European Parliament, 20 Mar 2007, Brussels, Belgium.
- *WISER Festival*, Oct 2007, Maastricht, The Netherlands.

XIV. STUDENTS

Supervised 6 PhD (national and international) students, 5 researchers and programmers in international and national projects, as well as more than 40 M.Sc. and B.Sc. students both at TU/e and at VU.

See Appendix 2 for the full list of M.Sc. and B.Sc. students

PH.D. STUDENTS

SUPERVISION

- Federica Cena (University of Torino, *graduated* Apr 2007) - co-promotor
- Renata Guizzardi (University of Twente, *graduated* Feb 2006) - supervisor
- Yiwen Wang (University of Eindhoven, *graduated* Feb 2011, CHIP Project) - supervisor
- Riste Gligorov (PrestoPrime Project, 2009-2012) - co-supervisor
- Balthasar Schopman (NoTube Project, 2009-2012) - co-supervisor

- Johan Oomen (Agora Project, 2009-2013) - co-supervisor
- Roxane Segers (Agora Project, 2009-2013) - co-supervisor
- Yiling Lin May-Aug 2010, PhD visiting from University of Pittsburgh, US

PHD COMMITTEES

- External Evaluator - Eetu Mäkelä, Semantic Computing Research Group, Aalto University School of Science and Technology, Helsinki, Finland
- External Evaluator - Freddy Limpens, INRIA Sophia Antipolis, France
- Co-promotor – Pieter Bellekens, TU Eindhoven
- Andrew Lum (University of Sydney, graduated Aug 2007) - external examiner
- Owen Conlan (University of Dublin, graduated Apr 2005) - external examiner
- Laura Hollink (VU, graduated Nov 2006) - committee member
- Paul de Vrieze (Radboud Universiteit Nijmegen, graduated 2006) - committee member

RESEARCHERS & PROGRAMMERS

SUPERVISION RESEARCHERS

- Chris v. Aart, researcher in EU NoTube project
- Ronald Siebes, researcher in EU NoTube project
- Michiel Hildebrand in PrestoPrime project
- Marieke van Erp in Agora project
- Pasquale De Meo in TruSIS project
- Natalia Stash, researcher/programmer in NWO CHIP project
- Pieter Bellekens, junior researcher in ITEA Passepartout project
- Martin Bjorkman, junior researcher/programmer in ITEA Passepartout project

XV. COURSES AND TEACHING

At the VU and at the TU/e I was involved in preparation and teaching of more than 10 bachelor and master courses.

- **VU Human-Computer Interaction:** second year (bachelor) course (block 2-3, 5), since 2007, ca. 100 students
- **VU Information Retrieval:** (master) (block 1, 2), since 2006, ca. 30-40 students
- **VU Social and Economic Aspects of the Networked World:** (bachelor) (block 2), lecture on Experimental Research in Intertain Lab
- **VU Information Science Project 2007:** CHIP use case (use case provider)
- **VU Information Science Project 2008:** Philips use case (mentor)
- **SIKS Advanced Course:** Interactive Systems (1 lecture in the course)
- **TU/e Kennissystemen:** third year (bachelor) course for computer science students; tasks included developing the course, giving the classes, supervising and grading the assignments (2003-2006), ca. 50 students
- **TU/e Information Retrieval:** fourth year (master) course for computer science students; tasks included developing the course, giving the classes, supervising and grading the assignments (2004-2006)

- **TU/e Informatiesysteemontwikkeling (ISO):** first year (bachelor) course for computer science students; tasks included giving the instructions and grading the exams (2005-2006)
- **TU/e Graphical User Interfaces:** third year (bachelor) course for computer science students; tasks included supervising and grading the assignments (2003-2006)
- **TU/e OGO 1.2:** first year (bachelor) project/course for computer science students: “ontwerp-gericht onderwijs”; tasks included supervising groups of students (2005-2006)
- **TU/e Modern Information Systems:** fourth year seminar for computer science students; tasks included organizing the seminar with guest lecturers from industry and academia, supervising and grading the assignments (2003-2004)
- **TU/e OGO 2.2:** second year project/course for computer science students: “ontwerp-gericht onderwijs”; tasks included supervising groups of students (2002-2004)
- **TU/e Automatentheorie en Formele Talen:** first year course for computer science students; tasks included giving the instructions and grading the exams (2002-2003)
- **TU/e Databases voor Bouwkunde:** fourth year course for building and architecture students; tasks included giving the instructions and grading the exams (2002-2003)

XVI. ADMIN EXPERIENCE

At the VU I am involved in the following administrative activities:

- *Intertain Lab*
 - initiator and proposal writer for HomeLab and MuseumLab projects (2007)
 - co-ordinator of weekly activities for HomeLab and MuseumLab (since 2007)
 - co-ordinator of current design, building, and promotion activities with third-party institutions for HomeLab (since 2008)
 - presentation to the department of HomeLab progress (April 2009)
 - (informal) opening of HomeLab with Tim Berners-Lee and invited Dies speakers on 20 October 2009
 - presentation of Intertain Experimental Research at the research evaluation, 2 November 2009
 - formal opening of HomeLab for Computer Science Department, end 2009

- *CAMeRA Institute*
 - participating in Scientific Advisory Board meetings (substituting Guus Schreiber)
 - participating in CAMeRA events
 - presentation at CAMeRA events

- *Mentor for first year students in 2008-2009*
- *Participation in departmental "Docenten teams" for:*
 - AI since 2008
 - IMM in 2008-2009

- *Chair for the VPR task force 2007-2008*

At the Eindhoven University of Technology (TU/e) I was involved in the following administrative activities:

- *LaQuSo-service on Usability Analysis:* LaQuSo, Laboratory for Quality Software, is an activity of the Computer Science department of TU/e (together with Radboud University Nijmegen). I was leading the services on Usability and User Interaction Analysis.
- *TU/e E-learning Taskforce:* I was member of the committee that for TU/e (university-wide) investigated the introduction and implementation of e-learning. This committee of 5 members included the Rector of the university and the Dean of Computer Science.

APPENDIX 1: FULL LIST OF RESEARCH PROJECTS

NoTube

Project acquired, proposal co-written and scientific project coordination

Period: 2009 – 2012 (3,5 years)

Funding: EU Integrated Project

Subject: Networks and Ontologies for the Transformation and Unification of Broadcasting and the Internet

Partners: VU (coordinator), RAI, BBC, Thomson, IRT, TXT, OntoText, Open University, Engyn Media, Stoneroos, STI2, Asemantics, Korea Telecom

PrestoPrime

Project acquired, proposal co-written

Period: 2009 – 2012 (3,5 years)

Funding: EU Integrated Project

Subject: Keeping Audiovisual Contents Alive

Partners: INA (coordinator), RAI, BBC, VU, JRS, ORF, Beeld & Geluid, Technicolor, ExLibris, Doremi, Eurix, University of Southampton, University of Liverpool, University of Innsbruck, European Digital Library Foundation

NWO Agora

Project acquired, proposal co-written

Period: 2009 – 2013 (4 years)

Funding: NWO (CATCH program)

Subject: Creating the Historic Fabric for and Providing Web-enabled Access to Objects in Dynamic Historical Sequences

Partners: VU Faculty of Arts, History Department, VU Faculty of Exact Sciences, Computer Science Department, Rijksmuseum Amsterdam, Beeld & Geluid

E-Culture

Project work

Period: 2005 – 2009 (4 years)

Funding: BSIK MultimediaN project

Subject: Set the culture in its digital context; application of Semantic Web technologies

Partners: VU, CWI, UvA

ITEA Passepartout

Project acquired, proposal co-written and coordination of TU/e in project

Period: 2005 – 2006 (2 years)

Funding: ITEA, SenterNovem

Subject: Personalised Media for Ambient Experience

Partners: Philips, TU/e, Thomson, INRIA, INT, UPM, Telvent, BCE, Cybercultus, Henri Tudor Insitute, ETRI, Prewrite, Stoneroos, CWI, V2, Chartoons

AlterEgo

Project acquired, joint coordination of TU/e in project

Period: 2004 – 2006 (2,5 years)

Funding: Telematica-instituut, IBM and (ICES/KIS) MultimediaN (Pilot Media & i-Services)

Subject: Cross-domain User Profiling. TU/e focus: semantic interoperability of user profiles between applications.

Partners: Telematica Instituut, TU/e, IBM, TU Delft, Universiteit Twente

IST IP MobiLife

Sub-project acquired, joint coordination of TU/e as part of Telematica Instituut

Period: 2004 – 2006 (2,5 years)

Funding: EU IST (Integrated Project)

Subject: Advancing mobile applications and services in everyday life. Innovation and deployment of new applications and services (based on 3G evolving capabilities).

Partners: Nokia, Alcatel-CIT, Ericsson, LMF, Hewlett-Packard, Motorola SAS (UK, France), NEC Europe, Siemens Mobile Communications, DoCoMo Communications Laboratories Europe, Fraunhofer Gesellschaft zur Foerderung der angewandten Forschung, Helsinki University of Technology, Universität Kassel, The University of Surrey, NEOS Engineering SRL, Telematica Instituut, TU/e, UNIS, spol., Suunto Oy, BellStream, Telecom Italia Lab

NWO SWALE

Project acquired and coordination

Period: 2004 – 2005 (1 year)

Funding: NWO – British Council (NL-UK collaboration program)

Subject: Semantic Web Technologies for Adaptive Learning Environments

Partners: TU/e, University of Leeds

NWO CHIP

Project-coordination (TU/e is coordinator) and supervision of TU/e-employees

Period: 2005 – 2008 (4 years)

Funding: NWO (CATCH program)

Subject: Cultural Heritage Information Presentation

Partners: TU/e, Rijksmuseum Amsterdam, Telematica Instituut

NWO CHIME

Supervision TU/e Ph.D. student

Period: 2003 – 2006 (4 years)

Funding: NWO (ToKeN2000 program)

Subject: Cultural Heritage in an Interactive Multimedia Environment

Partners: TU/e, CWI, Vrije Universiteit Amsterdam

IST Knowledge Web Network of Excellence

Researcher

Period: 2003 – 2007 (5 years)

Funding: EU IST, Network of Excellence

Partners: CeRTH, France Telecom, Free University of Bozen-Bolzano, Freie Universität Berlin, INRIA, L3S Research Center, National University of Ireland Galway, OU, UPM, University of Aberdeen, University of Innsbruck, University of Karlsruhe, University of Liverpool, University of Manchester, University of Sheffield, University of Trento, VU, VUB, EPFL, 'Alexandru Ioan Cuza' University of Iasi, Acklin BV, DERI Korea, Il Centro per la ricerca scientifica e tecnologica, Poznan University of Economics, Research Institute for Artificial Intelligence of the Romanian Academy, Stichting Telematica Instituut, Universidad de Alcalá de Henares, Universidad Rey, Universitat Politècnica de Catalunya, University of Economics, Prague, University of Eindhoven, University of Mannheim, University of Surrey, University of Zurich

IST Prolearn Network of Excellence

Responsible (as coordinator and author) for TU/e deliverable

Period: 2003 – 2007 (5 years)

Funding: EU IST, Network of Excellence

Subject: Technology Enhanced Professional Learning.

Partners: Universität Hannover, TU/e, DFKI, Open University, Katholieke Universiteit Leuven / ARIADNE Foundation, Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung, Wirtschaftsuniversität Wien, Universität für Bodenkultur, Zentrum für Soziale Innovation, EPFL, Eigenössische Technische Hochschule Zürich, Politecnico di Milano, Jozef Stefan Institute, UPM, Kungl. Tekniska Högskolan, National Centre for Scientific Research “Demokritos”, Institut National des Télécommunications (INT), Hautes Etudes Commerciales, Rheinisch-Westfälische Technische Hochschule Aachen, Helsinki University of Technology

TOPIA

Sub-project acquired, coordination TU/e sub-project in TOPIA

Period: 2003 – 2004 (6 months)

Funding: Telematica-instituut, IBM

Subject: From semantics, through narrative, to presentation. TU/e focus: Visualization of concept structures and search results.

Partners: Telematica Instituut, TU/e, IBM, CWI

Agent Academy

Project acquired (postdoc)

Period: 2001 – 2003 (2,5 years)

Funding: EU FP5 IST

Subject: Integrated environment for embedding and improving intelligence in newly created agents through the use of Data Mining techniques.

Partners: University of Twente, CERTH, Informatics and Telematics Institute Thessaloniki, Greece

APPENDIX 2: M.SC. AND B.SC. STUDENTS

M.SC. STUDENTS (VU)

- Konrad Delong, 2010 (graduated)
- Antek Piechnik, 2010 (graduated)
- Annelies van Ess, 2009-2010 (graduated)
- Parmis Jahanbani, 2010 (graduated)
- Gurong Yuan, 2009-2010 (NoTube project)
- Samad Elamraoui, 2009-2010 (Getronics)
- Vergill Lemmert, 2009-2010 (Universiteit Utrecht)
- Wouter Slokker, 2008-2009 (graduated)
- Tom Schouten, 2008-2009 (KPMG), graduated
- Martijn Zantinge, 2007-2008 (Stoneroos), graduated
- Damir Hubanic, 2008-2009 (graduated)
- Sellena Salustri, 2008-2009 (Hyves)

M.SC. STUDENTS (TU/E)

- Ivo Roes, 2008-2009 (CHIP project)
- Roland Schijvenaars, 2008-2009 (Stoneroos), graduated
- Jan v. Nunen, 2008-2009 (Stoneroos), graduated
- Paul Akkermans (iFanzzy project), graduated
- Charanjeev Kaur (Philips), graduated
- Arjan Claassens (Philips), graduated
- Tim Dekker (Philips), graduated
- Ronald Denaux (SWALE project), graduated
- Johan Hubens (Philips), graduated
- Ron Kamzol (RHCE), graduated
- Ivo Krooswijk (Everest), graduated
- Erik Loef (Philips), graduated
- Cristian Negru (Laquso), graduated
- Jurgen Rijdsdijk (SWALE project), graduated
- Irwan Sampurna (c-content), graduated
- Pavel Sasno (Philips), graduated
- Martin Sturm (SWALE project), graduated
- Gertjan van der Linden (NedTrain), graduated
- Erik van de Ven, graduated
- Yi Zhang (Philips), graduated
- Hielke Schut (V2_), graduated
- Angel Peres Rosillo (V2_), graduated

BSC STUDENTS (TU/E)

- Bram Aarts
- Ivo Bessem
- Ronald Deneaux
- Guido Dorssers (RHCe)
- Martin Herman
- Steven Hoebens
- Johan Hubens
- Hugo Jonker
- Ton van der Rijdt
- Bas Rutten (SWALE project)
- Robin Schakenbos
- Kees van der Sluijs (Oce)

BSC STUDENTS (VU)

Thijmen de Gooijer (NLR)