

Curriculum Vitae of Olga Kulyk

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Date of birth: 27th September 1980

Nationality: Ukrainian (vaste Nederlandse verblijfsvergunning)

Driver's license: B

EXPERIENCE

- 2005 – current **PhD candidate** (*available from 15-01-10*)
Human Media Interaction, University of Twente, Enschede, NL
Situational Awareness of Collocated Teams in Multi-Display Environments
Analyzing interdisciplinary team processes in various sectors: Agile Programming (Microsoft Redmond: SharePoint teams, Scrum), Custom-based Microarray Experimentation (Integrative Bioinformatics Unit, UvA); Environmental Problem Solving (TXchange, NL); initiating, organizing and coordinating practical user studies and interaction design projects in media-rich workspaces/control rooms.
Other activities: setting up collaboration and projects with various inside and outside project partners, consulting on design and equipment requirements for the new usability labs and smart rooms (SmartXP Lab, UT; E-BioLab, UvA); leading book chapter editor (Springer); consultant for yearly Master Program assessment (visitatie, UT).
- May – Jun 2009 **Research Trainee** (*case study, part of PhD track*)
Human Media Interaction (UT) & TXchange (part of Thales NL), Enschede, NL
Situational Awareness Support for Group Decision Making
Facilitating Focus Groups and brainstorm sessions to evaluate the *Chain-of-Thoughts* visualisation concept for large displays: coming up with the idea, project planning, recruiting participants, carrying out user studies, writing reports.
- May – Aug 2008 **Graduate Research Intern**
Microsoft Research Redmond, Washington, USA
Project planning, finding participants and organizing user studies; on-site observations (scrum meetings), focus groups and interviews; coordinating deployment, reporting and presenting the results.
- Jan 05 – Sep 05 **Research Trainee** (*part of TWAIO track*)
User Centered Engineering, Industrial Design, Technical University of Eindhoven, The Netherlands (*EU funded CHIL project*)
Inception and execution of a full-cycle iterative interface design project; organizing and facilitating Focus Groups (8-12 members), task and requirements analysis; defining functional and user requirements; developing and assessing visualisation service concept; organizing and running user testing (small design teams: 4-5 members), writing publications and a report.
- 2004 **Research Trainee** (*part of TWAIO track*)
Team Design Case, Vodafone (Maastricht) and TU/e Eindhoven, The Netherlands
Enriching the mobile experience for teens by non-verbal means
Writing a project proposal; defining a user group, facilitating workshops with teens (*Cultural probes* and *Persona* methods); writing scenarios and Use Cases to define usability goals and requirements; prototyping; evaluating with teens; documenting results.
- 2001 - 2003 **Interpreter (English, German)**, Kyiv, Ukraine
Worked part-time as an interpreter and facilitator with foreign visitors, arranged and accompanied tours around the country, assisted with visa and notary paperwork.
- 1999 - 2001 **Computer assistant, Executive officer of Dean**
Part-time job at the Service of Dean, Computer Science Department, National University of "Kyiv-Mohyla Academy", Kyiv, Ukraine
Responsible for the contact with Personnel employees, presenting a database concept to

the stakeholders and processing the documentation into the DB; carrying documentation; translating foreign documentation (English); interpreting for foreign collaborators and project partners.

Jun - Aug 1998 **Computer assistant**
 Internet Center of Kyiv-Mohyla Academy, Kyiv, Ukraine
 Creating and managing mail accounts for the university employees; assisting students and employees in managing their net storage spaces, websites and sharing knowledge about WWW; Responsible for developing and presenting a Cultural Center Website concept to the stakeholders, design of the layout and the sitemap.

EDUCATION

2003 - 2005	Post-Master program in User System Interaction Design, Technology Management, Technical University of Eindhoven, The Netherlands	Eindhoven, The Netherlands
	Degree: Professional Doctorate in Engineering	
2001 - 2003	Master Program in Information Control Systems and Technologies, National University of "Kyiv-Mohyla Academy", Kyiv, Ukraine	Kyiv, Ukraine
	<i>Thesis:</i> Mobile Agents Applications in Virtual Enterprises	
	Degree: Master of Computer Science	
1997 - 2001	Bachelor's Program in Computer Science, National University of "Kyiv-Mohyla Academy", Kyiv, Ukraine	Kyiv, Ukraine
	<i>Minor:</i> Economics and Management (Certificate)	
	Degree: Bachelor of Computer Science	

PROFESSIONAL SKILLS

Human Computer Interaction (HCI): Interaction Design, Task analysis, Focus Group and Brainstorm facilitation, Visualisation Design, Video Prototyping, Usability Testing, Large Display Interface Design, Meeting Support Services

Design Tools: Adobe Photoshop, Macromedia Flash, Adobe Illustrator, Adobe PageMaker, Adobe Acrobat, CorelDraw; Database and Web design

Programming: Delphi, Pascal, Prolog, Lisp, C, C++, SQL, HTML, CSS, Java Script

LANGUAGES

English (fluent), Dutch (fluent), Ukrainian (native), Russian (fluent), German (good), Italian (intermediate)

ADDITIONAL

<i>Awards</i>	2007 - SenterNovem IOP Design Competition – team 1 st price award, Dutch Design Center, Utrecht, NL 2004 - OCE competition - best top 5 video prototype presented at European Symposium on Ambient Intelligence (EUSAI), TU/e, Eindhoven, NL
<i>Certificates & Courses</i>	Nov 2005 - Feb 2006: Bioinformatics course, CMBI, Radboud University of Nijmegen, NL 2006 - NT2 Dutch course, TCP Language Centre, University of Twente, NL 2004 – Project Management & Professional Development, Technology Management, TU/e, Eindhoven, NL 2003 - IELTS-test, British Council, Kyiv, Ukraine 2001 - Minor in Economics and Enterprise Certificate, Kyiv-Mohyla Academy, Ukraine 1995 - Interpreter Certificate with Honor, State English course, Kyiv, Ukraine
<i>Memberships</i>	ACM (Association for Computing Machinery); NBIC (Netherlands Bioinformatics Center); SIKS (Research School for Information and Knowledge Systems);
<i>Personals</i>	strong communication and presentation skills, team worker, good organiser, proactive, eager to learn, flexible
<i>Interests</i>	Learning languages, explore new technologies, fitness coaching, skating, travelling

REFEREES

References available upon request

SELECTED PEER-REVIEWED PUBLICATIONS

full list: hmi.ewi.utwente.nl/~kulyko/Publications.html

Kulyk, O., van Dijk, E.M.A.G., van der Vet, P.E., Nijholt, A., van der Veer, G., Situational Awareness Support to Enhance Teamwork in Collaborative Working Environments, In *Handbook on Socio-Technical Design and Social Networking Systems*, B. Whitworth and A. de Moor (Eds.), Information Science Reference, USA, ISBN: 978-1-60566-264-0 (2009), 635-649

- Wassink, I., **Kulyk, O.**, van Dijk, E.M.A.G., van der Veer, G., van der Vet, P.E., Applying a User-Centered Approach to Interactive Visualisation Design, In *Trends in Interactive Visualisation*, E.V. Zudilova-Seinstra, T. Adriaansen, and R. van Liere (Eds.), Advanced Information and Knowledge Processing series, ISBN: 978-1-84800-268-5, Springer Verlag, London, UK (2008), 175-201
- Kulyk, O.**, van der Veer, G.C., van Dijk, B., Situational Awareness Support to Enhance Teamwork in Collaborative Environments, In *Proceedings 15th European Conference on Cognitive Ergonomics*, Sep. 16-19, Madeira, Portugal, J. Jorge (Eds.) ACM, New York (2008), 18-22
- Vyas, D.M., **Kulyk, O.**, van der Vet, P.E. and Nijholt, A., van der Veer, G.C., Structures of Life: The Role of Molecular Structures in Scientists' Work, In *Proceedings 15th European Conference on Cognitive Ergonomics*, Sep. 16-19, Madeira, Portugal, J. Jorge (Eds.) ACM, New York (2008), 58-61
- Kulyk, O.**, van Dijk, E.M.A.G., van der Vet, P.E., Nijholt, A., Do you know what I know? Situational Awareness and Scientific Teamwork in Collaborative Environments, In *Proceedings Sixth International Workshop on Social Intelligence Design (SID)*, A. Nijholt, O. Stock and T. Nishida, Eds., CTIT Workshop Proceedings Series, Vol. WP07-02, Enschede, ISSN 1574-0846 (2007), 207-215
- Kulyk, O.**, Kosara, R., Urquiza, J., Wassink, I. Human-Centered Aspects, In *Human-Centered Visualisation Environments*, A. Kerren, A. Ebert, J. Meyer, Eds., LNCS Tutorial, Vol. 4417, ISBN 978-3-540-71948-9, Berlin: Springer (2007), 13-75
- van der Vet, P. E., **Kulyk, O.**, Wassink, I., Fikkert, F. W., Rauwerda, H., van Dijk, E. M. A. G., van der Veer, G., Breit, T., and Nijholt, A., Smart Environments for Collaborative Design, Implementation, and Interpretation of Scientific Experiments, In *Proc. of the International Workshop on AI for Human Computing in conjunction with IJCAI'07* (2007), 79-86
- Kulyk, O.** and Wassink, I. H. C., Getting to know Bioinformaticians: Results of an exploratory user study, In *Proc. of the BCS HCI'06 International Workshop on Combining Visualisation and Interaction to Facilitate Scientific Exploration and Discovery* T. Adriaansen and E.V. Zudilova-Seinstra, Eds., London, UK (2006), 30-37 (*Springer book chapter in press*)
- Kulyk, O.**, Wang, C., Terken, J. Real-Time Feedback Based on Nonverbal Behaviour to Enhance Social Dynamics in Small Group Meetings. In *Machine Learning for Multimodal Interaction*, Lecture Notes in Computer Science, Vol. 3869, ISBN 3-540-32549-2, Berlin: Springer (2006), 150-161
- Iqbal, R., Sturm, J., Terken, J., **Kulyk, O.**, Wang, J. User-Centered Design and Evaluation of Ubiquitous Services. In *Proc. of the International Conference on Design of Communication*, ACM SIGDOC (2005), 138-145
- Sturm, J., Iqbal, R., **Kulyk, O.**, Wang, C., Terken, J. Peripheral Feedback on Participation Level to Support Meetings and Lectures. In *Proc. of Conference on Designing Pleasurable Products and Interfaces (DPPI)*, Eindhoven Technical University Press (2005)
- Amin, A. K., Kersten, B. T. A., **Kulyk, O.**, Pelgrim, E., Wang, J., Markopoulos, P. SenseMS: a User-Centered Approach to Enrich the Messaging Experience for Teens by Non-verbal Means, In *Proc. of the International conference on Human computer interaction with mobile devices & services*, ACM (2005), 161-166
- Amin, A. K., Kersten, B. T. A., **Kulyk, O.**, Pelgrim, E., Wang, J., Markopoulos, P. The SenseMS: Enriching the SMS Experience for Teens by Non-verbal Means, In *Proc. of IFIP TC13 International Conference on HCI (INTERACT)*, Lecture Notes in Computer Science, Vol. 3585 (2005), 962-965