

Curriculum Vitae

Last Update: 08.10.2015

Personal Information

Name:	Alexandra Millonig
Nationality:	Austrian
Date of birth:	30.01.1972

Education and Training

Dates (from – to)	Name and type of the organisation	Principal subjects	Title awarded
2005 - 2014	University of Technology, Vienna, Austria	Pedestrian typology, route choice behaviour, Pedestrian navigation systems	Ph.D. in technical science, final degree passed with distinction
1990 - 2005	University of Technology, Vienna, Austria	Studies of regional planning, traffic planning, social development, traffic-related sociology	Master in urban and regional planning, final degree passed with distinction

Work Experience

Dates (from – to)	Name and type of the employer	Position held	Main activities and responsibilities
since 2015	Austrian Institute of Technology GmbH	team leader	coordination of the “Human-centered Multimodal Mobility” team
since 2005	Austrian Institute of Technology GmbH (former ÖFPZ Arsenal Ges.m.b.H.)	scientist	project management, research on human factors in mobility, mobility behaviour, persuasion strategies, landmark orientation, navigation services.
since 2012	University of Applied Sciences Technikum Wien	lecturer	lectures on regional and urban planning for sustainable transportation and green mobility
2015	ScienceCenter-Netzwerk	lecturer	lectures on mobility

			behaviour research for teaching staff
2015	Arbeiterkammer Wien	moderator	moderation of event on commuting traffic
since 2014	VCÖ Verkehrsclub Österreich	author	contributions for VCÖ publication series "Mobilität mit Zukunft"
2007 - 2010	University of Technology, Department of Geoinformation and Cartography, Vienna, Austria	project assistant lecturer	research on spatio-temporal behaviour of pedestrians; lecturing (Location Based Services; Cartographic Interfaces)
2005, 2006	Danube University Krems	lecturer	lectures on human orientation behaviour, intermodality
2004	ÖFPZ Arsenal Ges.m.b.H.	freelancer	desk research, proposal preparation, composition of project-related documents
2000	Stadt Wien Marketing Service GmbH	freelancer	"Time Out"-project, organisation, customer care
1999 - 2000	Atelier Biswas Vienna for architecture	freelancer	urban design and research, organisation of projects, architectural publications, organisation of exhibitions

Languages

Language	Reading / writing / verbal	Level (basic, good, excellent)
German	reading/writing/verbal	excellent/excellent/excellent
English	reading/writing/verbal	excellent/excellent/excellent
French	reading/writing/verbal	good/basic/basic
Italian	reading/writing/verbal	basic/basic/basic

Technical skills ((software-)tools, machinery, equipment, etc.)

Technical skill	Level (basic, good, excellent)
Microsoft Office	excellent
Data analysis: SPSS Matlab	good basic
Survey data collection: SurveyMonkey LimeSurvey	good good
Graphics (Adobe Creative Suite)	good
LaTeX	good
Citavi	basic

Selected Publications

- Wunsch, M., Stibe, A., Millonig, A., Seer, S., Dai, C., Schechtner, K, and Chin, R.C.C. (2015): What Makes You Bike? Exploring Persuasive Strategies to Encourage Low-Energy Mobility. Lecture Notes in Computer Science, Volume 9072, Persuasive Technology, pp 53-64
- Millonig, A., Mitgutsch, K. (2014): Playful Mobility Choices: Motivating informed mobility decision making by applying game mechanics. EAI Endorsed Transactions on Ambient Systems, 1: 4; pp. 1-6
- Mandl, B., Millonig, A., Friedl, V. (2013): The Variety of the Golden Agers: Identifying Profiles of Older People for Mobility Research. In: Proceedings of the 92nd Annual Meeting, TRB 2013, 13-17 Jan. 2103, Washington, D.C., USA, Transportation Research Board.
- Bauer, D., J. Schneckenburger, J., Settgest, V., Millonig, A., Gartner, G. (2013): Hands free steering in a virtual world for the evaluation of guidance systems in pedestrian infrastructures: design and validation. In: Washington;; in: Proceedings of the 92nd Annual Meeting of the Transportation Research Board TRB 2013; 17.01.2013 - 23.01.2013, Washington, D.C.
- Millonig, A., Ray, M., Schrom-Feiertag, H. (2012): Monitoring Pedestrian Spatio-temporal Behaviour using Semi-Automated Shadowing. In: Silva, C. N., (Ed.): Online Research Methods

in Urban and Planning Studies: Design and Outcomes. IGI Global. doi: 10.4018/978-1-4666-0074-4.ch019

Sammer, G., Uhlmann, T., Unbehaun, W., Millonig, A., Mandl, B., Dangschat, J., Mayr, R. (2012): Identification of Mobility-Impaired Persons and Analysis of Their Travel Behavior and Needs. Journal of Transportation Research Board, 2320 (2013), 2320; S. 46 - 54.

Millonig, A., Gartner, G. (2011). Identifying motion and interest patterns of shoppers for developing personalised wayfinding tools. Journal of Location Based Services, 5: 1, 3 — 21, First published on: 29 November 2010 (iFirst). doi: 10.1080/17489725.2010.535029

Millonig, A., Brändle, N., Ray, M., Bauer, D., van der Spek, S.C. (2009): Pedestrian Behaviour Monitoring: Methods and Experiences. In: Gottfried, B., Aghajan, H. (Eds.): Behaviour Monitoring and Interpretation in Ambient Environments, IOS Press.

Millonig, A., Schechtner, K. (2006): Developing Landmark-based Pedestrian Navigation Systems. IEEE Transactions on Intelligent Transport Systems (ITS), 8(1):43–49, 2007. Special Selection on ITSC'05.

Awards

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| 2013 | Nomination for Austrian State Award in Mobility for research project GeSMo |
| 2010 | FEMtech Expert of the Month June (Federal Ministry for Transport, Innovation and Technology) |
| 2010 | Gender Award for the research project ways2dat (funding programme ways2go) |
| 2009 | Horizon Bursary Student Award for high potential students, 6th International Symposium for LBS & TeleCartography, Nottingham, UK |
| 2005 | Appreciation Prize awarded by the “Österreichische Forschungsgemeinschaft Straße und Verkehr” (Austrian road and transportation research association) for diploma thesis |

Memberships and Functions

Memberships:

- ECTRI European Conference of Transport Research Institutes, Thematic Group Mobility
- WOMEN Women In Mobility & Energy, Environment Network

Journal Reviews:

- EUROPEAN Transport Research Review ETRR
- Journal of Location Based Services LBS
- Landscape and Urban Planning

Conference Paper Reviews:

- IEEE Intelligent Transportation Systems Conference
- ITS World Congress

Award Committee

- VCÖ Mobilitätspreis

Conference Committee

- Persuasive Technologies Conference PT2016, Vienna
- IEEE Intelligent Transportation Systems Conference ITSC2018, Istanbul