Dr. phil. Dipl.-Psych. Michael Oehl

- Curriculum Vitae -

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Institute of Transportation Systems,
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Education

2008 – 2019	Ph.D. Studies in Psychology Academic Degree: Dr. phil. (Equivalent: PhD) Technische Universität Berlin and Leuphana University Lüneburg, Germany
2001 – 2004	Graduate Studies in Psychology, Vocational & Industrial Education, and Business Studies Academic Degree: Diploma in Psychology (Equivalent: M.A. Psychology) RWTH Aachen University, Germany
1998 – 2001	Undergraduate Studies in Psychology and Business Studies Academic Degree: Intermediate Diploma in Psychology (Equivalent: B.Sc. Psychology) University of Konstanz, Germany

Positions

Since 2021	Head of the HMI research group at the Institute of Transportation Systems, German Aerospace Center (DLR)
2020	Acting head of the HMI research group at the Institute of Transportation Systems, German Aerospace Center (DLR)
2019	Deputy head of the HMI research group at the Institute of Transportation Systems, German Aerospace Center (DLR)
Since 2018	Senior researcher at the Institute of Transportation Systems – HMI Group, German Aerospace Center (DLR)
Since 2017	Adjunct senior lecturer, Traffic Science and Traffic Psychology, German Police University, Germany
2018 – 2019	Adjunct senior lecturer, Leuphana University Lüneburg, Germany
2015 – 2018	Founder and director of the Institute for Engineering Psychology and Experience Design (i-e-e) – Human Factors Research and Consulting, Germany
2012 – 2018	Senior researcher and lecturer at the Institute of Experimental Industrial Psychology, Leuphana University Lüneburg, Germany
2016	Visiting researcher at the Cognitive Systems Engineering Lab, Department of Systems Innovation, The University of Tokyo, Japan
2012	Japan Society for the Promotion of Science (JSPS & DAAD) fellow at the Cognitive Systems Engineering Lab, Department of Systems Innovation, The University of Tokyo, Japan
2010 – 2011	Researcher and Coordinator at the Center for Methods, Leuphana University Lüneburg, Germany

2011	Visiting researcher at the Department of Industrial Engineering, Tsinghua University, P.R. China.
2007 – 2008	Visiting researcher at the Chinese State Key Laboratory of Cognitive and Educational Psychology, Department of Psychology, Beijing Normal University (BNU), P.R. China
2004 – 2011	Researcher and project manager at the Institute of Experimental Industrial Psychology, Leuphana University Lüneburg, Germany
2003 – 2004	Student assistant and trainer at the Center for Learning and Knowledge Management (ZLW/IMA), RWTH Aachen University, Germany
2001 – 2002	Student assistant at the Institute of Psychology, RWTH Aachen University, Germany
2001	Student assistant at the Department of Psychology, University of Konstanz, Germany

Awards & Honors

2021	Honorable Mention Short Paper at the 13th International Conference on Automotive User Interfaces and Interactive Vehicular Applications (AutomotiveUI '21), Leeds (virtual), GB
2021	Best short paper / poster award at the '23rd International Conference on Human-Computer Interaction' (HCII 2021), Washington D.C. (virtual), USA
2017, 2016, 2015, 2014, 2013, 2012, 2011, 2010, 2009, 2008, 2006	Frequent awards of the Faculty of Business and Economics, Leuphana University Lüneburg for outstanding publications, outstanding presentations on scientific conferences, and participation at outstanding summer schools
2016	Best short paper award at the Conference 'Mensch und Computer 2016', Aachen, Germany
2016	Early career best paper award 2016 of the Human Factors and Ergonomics Society (HFES) Europe Chapter for our paper (Siebert, Oehl, Bersch, & Pfister, 2017)
2014	My course 'Methods of Usability Research' was selected as a finalist of the 2014 best teaching award in the category research in teaching of the Leuphana University Lüneburg
2012	JSPS and DAAD fellowship at the University of Tokyo, Japan
2012	Best poster award at the IK 2012, Günne at Lake Möhne, Germany
2010	Best poster award at the 2010 Annual Meeting of the Human Factors and Ergonomics Society Europe Chapter, Berlin, Germany
2009	DAAD travel scholarship
2009	Second best poster award at the 2009 Annual Meeting of the Human Factors and Ergonomics Society Europe Chapter, Linköping, Sweden
2005	Nominated for the Georg-Gottlob-Studienpreis 2005 (Berufsverband Deutscher Psychologinnen und Psychologen – BDP)
2005	Outstanding paper award at EdMedia 2005 World Conference on Educational Multimedia, Hypermedia & Telecommunications, Montréal

Memberships

	Deutsche Gesellschaft für Psychologie (DGPs), Human Factors and Ergonomics Society – Europe Chapter (HFES Europe), Special Interest Group on Computer-Human Interaction (SIGCHI-ACM), German UPA

Teaching

Since 2007	Mentor and advisor of undergraduates' or graduates' (> 60) final theses, and research students (> 50)
2013 – 2015	Mentor in the mentoring program, Leuphana University Lüneburg
Winter Term 2021/22	Traffic Psychology
Winter Term 2019/20	Traffic Psychology
Winter Term 2018/19	From Bicycles to Automated Cars: Current Traffic Psychology in Theory and Practice, Traffic Psychology
Summer Term 2018	Observation in Research – A Traffic Psychological Study
Winter Term 2017/18	From Bicycles to Automated Cars: Current Traffic Psychology in Theory and Practice, Computer-supported Data Analysis, Traffic Psychology
Summer Term 2017	Traffic Psychology, Practice Fora (work and industrial psychology in exercise)
Winter Term 2016/17	Bachelor Thesis Colloquia (psychological methods, experimental research, and scientific writing), Practice Fora (work and industrial psychology in exercise)
Summer Term 2016	Traffic Psychology, Bachelor Thesis Colloquia (psychological methods, experimental research, and scientific writing), Practice Fora (work and industrial psychology in exercise)
Winter Term 2015/16	Bachelor Thesis Colloquia (psychological methods, experimental research, and scientific writing), Practice Fora (work and industrial psychology in exercise), Study Reflection
Summer Term 2015	Traffic Psychology, Bachelor Thesis Colloquia (psychological methods, experimental research, and scientific writing), Practice Fora (work and industrial psychology in exercise), Study Reflection
Winter Term 2014/15	Workplace Health and Safety, Bachelor Thesis Colloquia (psychological methods, experimental research, and scientific writing), Practice Fora (work and industrial psychology in exercise), Study Reflection
Summer Term 2014	Traffic Psychology, Bachelor Thesis Colloquia (psychological methods, experimental research, and scientific writing), Practice Fora (work and industrial psychology in exercise), Study Reflection
Winter Term 2013/14	Methods of Usability Research, Workplace Health and Safety, Bachelor Thesis Colloquia (psychological methods, experimental research, and scientific writing), Practice Fora (work and industrial psychology in exercise), Study Reflection
Summer Term 2013	Traffic Psychology, Work and Engineering Psychology, Bachelor Thesis Colloquia (psychological methods, experimental research, and scientific writing), Practice Fora (work and industrial psychology in exercise), Study Reflection
Earlier	Human Factors and Ergonomics - Theory and Application, Cognitive Ergonomics, Learning with New Media, Moderation and Presentation Techniques, Time Management, Team Development

Board Memberships

2014 – 2016	Member of the finding committee for the junior professorship (W1) of human factors and

	experimental methods, Leuphana University Lüneburg
2011 – 2016	Member of the committee for Ph.D. scholarships, Leuphana University Lüneburg
2006 – 2016	Member of the research committee, Faculty of Business and Economics, Leuphana University Lüneburg
2012 – 2015	Coordinator of the undergraduate program Business Psychology, Leuphana University Lüneburg
2010 – 2012	Member of the finding committee for the chair (W3) of emotional psychology and methods, Leuphana University Lüneburg
2009	Member of the finding committee for the chair (W3) of business psychology and entrepreneurship, Leuphana University Lüneburg
2006	Member of the finding committee for the chair (W3/W2) of marketing, consumer, and social psychology, Leuphana University Lüneburg
2005 – 2010	Member of the library committee, Leuphana University Lüneburg

Conferences & Reviewing

Conference organizing and reviewing	Organizing of several scientific conferences and chairing of conference sessions as well as proposal and paper reviewing, e.g., TeaP 2021, AutoUI'20, Mensch und Computer 2019 (MuC'19), AutoUI'19, Auto UI'18 (Workshop), TeaP 2018 (4 Symposia), E-Learn 2014, Conference on Computer Supported Collaborative Learning – CSCL 2011, International Conference on Computer Supported Collaborative Learning – CSCL 2009, SIGCHI Conference: Human Factors in Computing Systems – CHI 2009, SIGCHI Conference: Human Factors in Computing Systems – CHI 2008, International Conference of the Learning Sciences – ICLS 2008
Ad-hoc reviewer	Accident Analysis & Prevention, Applied Ergonomics, Ergonomics, Frontiers in Psychology, Information, International Journal of Human-Computer Studies, Journal of General Psychology, Sustainability, Safety, Theoretical Issues in Ergonomics Science, Transactions on Human-Machine Systems (IEEE), Traffic Injury Prevention, Transportation Research Part F: Traffic Psychology and Behaviour, Umweltpsychologie

Grants and Projects

Received Funding as Principal Investigator and Scholar	
2021 – 2025	'Hi-DRIVE' funded by the European Union (H2020) together with Volkswagen, Ford, BMW, etc. over 40 partners (30,000,000 € funding by EU in total and ca. 900,000 € for DLR; PI Michael Oehl)
2007 – 2017	Several conference travel grants from the German Academic Exchange Service (DAAD) and several special travel grants from the Graduate School of Leuphana University Lüneburg (> 41,000 €)
2014	Explorative research grant from Leuphana University Lüneburg (8,000 €)
2012	German Academic Exchange Service (DAAD) and Japan Society for the Promotion of Science (JSPS) scholarship for the JSPS Summer Program as a fellow at The University of Tokyo (Ca. 12,000 €): http://www.jsps.go.jp/english/e-summer/pro2012_2.html

Participated as Researcher and/or internal Project Leader (Selection)	
2018 - 2022	'@City-AF' (2018 – 2022) funded by the Federal Ministry for Economic Affairs and Energy together with TUM, MAN Truck & Bus AG, Daimler AG, Audi AG, Robert Bosch GmbH, Continental, etc. (26,600,000 €): https://www.atcity-online.de/home/Home.html
2019 – 2021	'F-RELACS' (2019 – 2021) funded by the Federal Ministry of Education and Research (1,220,000 €): https://www.technik-zum-menschen-bringen.de/projekte/f-relacs
2018 – 2021	'AutoAkzept' (2018 – 2021) funded by the Federal Ministry of Transport and Digital Infrastructure together with BMW AG etc. (2,010,000 €): https://www.dlr.de/ts/en/desktopdefault.aspx/tabid-10704/20365_read-54052/
2019 – 2020	'SEARUB' (2019 – 2020) funded by the European Union together with TNO, ITS Leeds, etc. (DLR 54,000 €).
2018 – 2019	'Digitaler Knoten 4.0' (2016 – 2019) funded by the Federal Ministry of Transport and Digital Infrastructure together with the Volkswagen AG etc. (7,800,000 €): https://verkehrsforschung.dlr.de/de/projekte/digitaler-knoten-40 https://www.bmvi.de/SharedDocs/DE/Artikel/DG/AVF-projekte/digitaler-knoten-4-0.html
2008 – 2013	Research program 'Psychonics' together with Volkswagen AG and ADAC funded by Arbeitsgruppe Innovative Projekte – AGIP of the Ministry of Science and Culture Lower Saxony, Germany as full-time researcher and project manager at Leuphana University (Ca. 900,000 €): http://www.leuphana.de/ueber-uns/personen/michael-oehl/forschung-projekte.html
2004 – 2008	DFG research project 'Supporting Cooperative Learning with Learning Protocols' within the DFG Special Priority Program (SPP 1081) 'Net-based Knowledge Communication in Groups' as full-time researcher and project manager at Leuphana University (Ca. 540,000 €): http://gepris.dfg.de/gepris/projekt/5268104 http://www.wissenskommunikation.de/?go=projekte&id=6&e=
2003 – 2004	Research project 'Vorbereitende Maßnahmen für den praktischen Einsatz von Fahrerassistenzsystemen im Güterverkehr – MFG' funded by the German Federal Ministry of Education and Research (BMBF) as student researcher (19h/week) at RWTH Aachen University (ZLW/IMA, ika, IfP): http://www.forschungsinformationssystem.de/servlet/is/131736/ Research project 'SENEKA – service networks for further education and training processes' funded by the German Federal Ministry of Education and Research (BMBF) as student researcher (19h/week) at RWTH Aachen University (ZLW/IMA): http://www.seneka.rwth-aachen.de/eng_seneka/index.html
2001 – 2002	DFG research project 'Functional Architecture and Dynamics of Preattentive and Attentive Processes in Visual Object Recognition' as student researcher (10h/week) at RWTH Aachen University (Prof. Dr. D. Heller)
2001	University of Konstanz Research Fund (AFF) project 'Recovery in the Context of Work' as student researcher (10h/week) at University of Konstanz (Prof. Dr. S. Sonnentag)

Publications

Refereed Journal Articles

1. Brandenburg, S., & Oehl, M. (2021). Driving anger in Germany: Validation of the driving anger scale for German drivers. *Transportation Research Part F: Traffic Psychology and Behaviour, 81*, 317-328. DOI: 10.1016/j.trf.2021.06.006

2. Drewitz, U., Wilbrink, M., Oehl, M., Jipp, M., & Ihme, K. (2021). Subjektive Sicherheit zur Steigerung der Akzeptanz des automatisierten und vernetzten Fahrens. *Forschung im Ingenieurwesen*. DOI: 10.1007/s10010-021-00500-y

3. Hainich, R., Drewitz, U., Ihme, K., Lauermann, J., Niedling, M., & Oehl, M. (2021). Evaluation of a Human–Machine Interface for Motion Sickness Mitigation Utilizing Anticipatory Ambient Light Cues in a Realistic Automated Driving Setting. *Information, 12*(4), 176. DOI: 10.3390/info12040176

4. Kettwich, C., Schrank, A., & Oehl, M. (2021). Teleoperation of Highly Automated Vehicles in Public Transport: User-Centered Design of a Human-Machine Interface for Remote-Operation and its Expert Usability Evaluation. *Multimodal Technologies and Interaction, 5*(5), 26. DOI: 10.3390/mti5050026

5. Kurtz, M., Oehl, M., & Sutter, C. (2021). "Just One Short Voice Message" – Comparing the Effects of Text- vs. Voice-Based Answering to Text Messages via Smartphone on Young Drivers' Driving Performances. *Safety, 7*(3), 57. DOI: 10.3390/safety7030057

6. Oehl, M., Becker, T., Che, M., & Brandenburg, S. (2021). Validation of the Cycling Anger Scale in Singapore. *Traffic Injury Prevention, 22*(1), 32-36. DOI: 10.1080/15389588.2020.1843161

7. Wilbrink, M., Lau, M., Illgner, J., Schieben, A., & Oehl, M. (2021). Impact of External Human-Machine Interface Communication Strategies of Automated Vehicles on Pedestrians' Crossing Decisions and Behaviors in an Urban Environment. *Sustainability, 13*(15), 8396. DOI: 10.3390/su13158396

8. Bosch, E., Ihme, K., Drewitz, U., Jipp, M., & Oehl, M. (2020). Why Drivers are Frustrated: Results from a Diary Study and Focus Groups. *European Transport Research Review, 12*. DOI: 10.1186/s12544-020-00441-7

9. Brandenburg, S., Oehl, M., & Hartwig, C. (2019). Driving Anger Expression in Germany – Validation of the Driving Anger Expression Inventory for German Drivers. *Traffic Injury Prevention, 20*(1), 52-57. DOI: 10.1080/15389588.2018.1493467

10. Oehl, M., Brandenburg, S., & Huemer, A. K. (2019). Cyclists' Anger Experiences in Road Traffic: The Cycling Anger Scale. *Transportation Research Part F: Traffic Psychology and Behaviour, 62*, 564-574. DOI: 10.1016/j.trf.2019.02.008

11. Oehl, M., Brandenburg, S., & Huemer, A. K. (2019). German Bike Messengers' Experiences and Expressions of Cycling Anger. *Traffic Injury Prevention, 20*(7), 753-758. DOI: 10.1080/15389588.2019.1616179

12. Huemer, A. K., Oehl, M., & Brandenburg, S. (2018). Influences on anger in German urban cyclists. *Transportation Research Part F: Traffic Psychology and Behaviour, 58*, 969-979.

13. Brandenburg, S., Oehl, M., & Seigies, K. (2017). German Taxi Drivers' Experiences and Expressions of Driving Anger: Are the Driving Anger Scale and the Driving Anger Expression Inventory Valid Measures?. *Traffic Injury Prevention, 18*(8), 807-812. DOI: 10.1080/15389588.2017.1316493

14. Siebert, F. W., Oehl, M., Bersch, F., & Pfister, H.-R. (2017). The exact determination of subjective risk and comfort thresholds in car following. *Transportation Research Part F: Traffic Psychology and Behaviour, 46*, 1-13. [Awarded with the early career best paper award 2016 of the Human Factors and Ergonomics Society (HFES) Europe Chapter]

15. Oehl, M., & Sutter, C. (2015). Age-related differences in processing visual device and task characteristics when using technical devices. *Applied Ergonomics, 48*, 214-223.

16. Siebert, F. W., Oehl, M., & Pfister, H.-R. (2014). The Influence of Subjective Driver States in Adaptive Cruise Control. *Transportation Research Part F: Traffic Psychology and Behaviour, 25*, 65-73.

17. Liu, R.-Z., Zhou, R.-L., & Oehl, M. (2013). Driving Angry Behavior of Drivers in Mainland China and Germany. *Chinese Journal of Ergonomics, 1*, 10-15.

18. Roidl, E., Siebert, F. W., Oehl, M., & Höger, R. (2013). Introducing a Multivariate Model for Predicting Driving Performance: The Role of Driving Anger and Personal Characteristics. *Journal of Safety Research, 47*, 47-56.

19. Roidl, E., Frehse, B., Oehl, M., & Höger, R. (2013). The Emotional Spectrum in Traffic Situations: Results of Two Online-Studies. *Transportation Research Part F: Traffic Psychology and Behaviour, 18*, 168-188.

20. Sutter, C., Ladwig, S., Oehl, M., & Müsseler, J. (2012). Age effects on controlling tools with sensorimotor transformations. *Frontiers in Psychology, 3*, Article 573, 1-8. DOI: 10.3389/fpsyg.2012.00573

21. Sutter, C., Oehl, M., & Armbrüster, C. (2011). Practice and carryover effects when using small interaction devices. *Applied Ergonomics, 42*, 437-444.

22. Pfister, H.-R., & Oehl, M. (2009). The Impact of Goal Focus, Task Type, and Group Size on Synchronous Net-Based Collaborative Learning Discourses. *Journal of Computer Assisted Learning, 25,* 161-176.

Papers in Progress

- Hub, F., Oehl, M., & Seifert, K. (submitted). Leveraging User Acceptance of Shared Automated Vehicles - Making the Case for Virtual Ride Access Points. *Sustainability*.

Refereed Conference Proceedings – Papers

1. Avsar, H., Utesch, F., Wilbrink, M., Oehl, M., & Schießl, C. (2021). Efficient communication of automated vehicles and manually driven vehicles through an external human-machine interface (eHMI): Evaluation at t-junctions. In Stephanidis, C., Antona, M., & Ntoa, S. (Eds): *HCI International 2021 – Posters. HCII 2021. Communications in Computer and Information Science (CCIS)*, vol 1421 (pp. 224-232). Cham, Switzerland: Springer Nature. DOI: 10.1007/2F978-3-030-78645-8_28

2. Hub F., & Oehl M. (2021). How to Find My Ride? Results of an HCI Expert Workshop for AR-Aided Navigation. In Stephanidis, C., Antona, M., & Ntoa, S. (Eds): *HCI International 2021 – Late Breaking Posters. 23rd HCI International Conference, HCII 2021 Proceedings Part I. Communications in Computer and Information Science (CCIS), vol 1498* (pp. 535-542). Cham, Switzerland: Springer Nature. DOI: 10.1007/978-3-030-90176-9_69

3. Kettwich, C., Schrank, A., Avsar, H., & Oehl, M. (2021). What if the Automation Fails? – A Classification of Scenarios in Teleoperated Driving. In *Proceedings of the 13th International Conference on Automotive User Interfaces and Interactive Vehicular Applications* (AutomotiveUI'21). Association for Computing Machinery, New York, NY, USA, 92–96. DOI: 10.1145/3473682.3480271

4. Krüger, S., Bosch, E., Ihme, K., & Oehl, M. (2021). In-Vehicle Frustration Mitigation via Voice-User Interfaces – a Simulator Study. In Stephanidis, C., Antona, M., & Ntoa, S. (Eds): *HCI International 2021 – Posters. HCII 2021. Communications in Computer and Information Science (CCIS)*, vol 1421 (pp. 241-248). Cham, Switzerland: Springer Nature. DOI: 10.1007/2F978-3-030-78645-8_30

5. Lau, M., Jipp, M., & Oehl, M. (2021) Investigating the Interplay between eHMI and dHMI for Automated Buses: How Do Contradictory Signals Influence a Pedestrian's Willingness to Cross? In *Proceedings of the 13th International Conference on Automotive User Interfaces and Interactive Vehicular Applications* (AutomotiveUI'21). Association for Computing Machinery, New York, NY, USA, 152–155. DOI: 10.1145/3473682.3480284 [Received an honorable mention]

6. Lau, M., Le, D. H., & Oehl, M. (2021). Design of External Human-Machine Interfaces for Different Automated Vehicle Types for the Interaction with Pedestrians on a Shared Space. In N. L. Black, W. P. Neumann, & I. Noy (Eds): *Proceedings of the 21st Congress of the International Ergonomics Association (IEA 2021). IEA 2021. Lecture Notes in Networks and Systems*, vol 221 (pp. 710-717). Cham, Switzerland: Springer Nature. DOI: 10.1007/978-3-030-74608-7_87

7. Oehl, M., Lienhop, M., & Ihme, K. (2021). Mitigating Frustration in the Car: Which Emotion Regulation Strategies Might Work for Different Age Groups?. In Stephanidis, C., Antona, M., & Ntoa, S. (Eds): *HCI International 2021 – Posters. HCII 2021. Communications in Computer and Information Science (CCIS)*, vol 1421 (pp. 273-280). Cham, Switzerland: Springer Nature. DOI: 10.1007/2F978-3-030-78645-8_34 [Received the best poster / short paper award at HCII 2021]

8. Wilbrink, M., Nuttelmann, M. & Oehl, M. (2021). Scaling up Automated Vehicles' eHMI Communication Designs to Interactions with Multiple Pedestrians – Putting eHMIs to the Test. In *Proceedings of the 13th International Conference on Automotive User Interfaces and Interactive Vehicular Applications* (AutomotiveUI'21). Association for Computing Machinery, New York, NY, USA, 119–122. DOI: 10.1145/3473682.3480277

9. Hub, F., Wilbrink, M., Kettwich, C., & Oehl, M. (2020). Designing Ride Access Points for Shared Automated Vehicles - An Early Stage Prototype Evaluation. In Stephanidis, C., Antona, M., & Ntoa, S. (Eds): *HCI*

International 2020 – Late Breaking Posters. HCII 2020. Communications in Computer and Information Science, vol 1294 (pp. 560-567). Cham, Switzerland: Springer Nature. DOI: 10.1007/978-3-030-60703-6_72

10. Lau, M., Wilbrink, M., Dodiya, J., & Oehl, M. (2020). Users' Internal HMI Information Requirements for Highly Automated Driving. In Stephanidis, C., Antona, M., & Ntoa, S. (Eds): *HCI International 2020 – Late Breaking Posters. HCII 2020. Communications in Computer and Information Science, vol 1294* (pp. 585-592). Cham, Switzerland: Springer Nature. DOI: 10.1007/978-3-030-60703-6_75

11. Le, D. H., Temme, G., & Oehl, M. (2020): Automotive eHMI Development in Virtual Reality: Lessons Learned from Current Studies. In Stephanidis, C., Antona, M., & Ntoa, S. (Eds): *HCI International 2020 – Late Breaking Posters. HCII 2020. Communications in Computer and Information Science, vol 1294* (pp. 593-600). Springer, Cham. DOI: 10.1007/978-3-030-60703-6_76

12. Nadri, C., Li, J., Bosch, E., Oehl, M., Alvarez, I., Braun, M., & Jeon, M. (2020). Emotion GaRage Vol. II: A Workshop on Affective In-Vehicle Display Design. In *12th International Conference on Automotive User Interfaces and Interactive Vehicular Applications* (AutomotiveUI'20 Adjunct) (pp. 106-108). ACM, New York, NY, USA. DOI: 10.1145/3409251.3411736

13. Oehl M., Ihme K., Pape A.-A., Vukelić M., & Braun M. (2020). Affective Use Cases for Empathic Vehicles in Highly Automated Driving: Results of an Expert Workshop. In H. Krömker (Ed): *HCI in Mobility, Transport, and Automotive Systems (MobiTas 2020). Automated Driving and In-Vehicle Experience Design*. HCII 2020. Lecture Notes in Computer Science, Vol. 12212 (pp. 89-100). Cham, Switzerland: Springer Nature. DOI: 10.1007/978-3-030-50523-3_7

14. Pape, A.-A., Cornelsen, S., Faeßler, V., Ihme, K., Oehl, M., Drewitz, U., Hartwich, F., Schroedel, F., Lüdtke, A., & Schramm, M. (2020) Empathic Assistants – Methods and use cases in automated and non-automated driving. In M. Bargende, H. C. Reuss, & A. Wagner (Eds): *20. Internationales Stuttgarter Symposium, Proceedings* (pp. 435-449). Wiesbaden, Germany: Springer Vieweg / Springer Nature. DOI: 10.1007/978-3-658-29943-9_34

15. Schindler, J., Herbig, D. L., Lau, M., & Oehl, M. (2020). Communicating Issues in Automated Driving to Surrounding Traffic - How should an Automated Vehicle Communicate a Minimum Risk Maneuver via eHMI and/or dHMI?. In Stephanidis, C., Antona, M., & Ntoa, S. (Eds): *HCI International 2020 – Late Breaking Posters. HCII 2020. Communications in Computer and Information Science, vol 1294* (pp. 619-626). Cham, Switzerland: Springer Nature. https://doi.org/10.1007/978-3-030-60703-6_79

16. Wilbrink, M., Schieben, A., & Oehl, M. (2020). Reflecting the automated vehicle's perception and intention: Light-based interaction approaches for on-board HMI in highly automated vehicles. *Proceedings of the 25th International Conference on Intelligent User Interfaces Companion* (IUI'20) (pp. 105-107). DOI: 10.1145/3379336.3381502

17. Drewitz, U., Ihme, K., Oehl, M., Schrödel, F., Voßwinkel, R., Hartwich, F., Schmidt, C., Pape, A.-A., Fleischer, T., Cornelsen, S., Lüdtke, A., Gräfing, D., & Trende, A. (2019). Automation ohne Unsicherheit: Vorstellung des Förderprojekts AutoAkzept zur Erhöhung der Akzeptanz automatisierten Fahrens. In VDI (Ed.). *Mensch-Maschine-Mobilität 2019. Der (Mit-)Fahrer im 21. Jahrhundert!?* VDI-Berichte 2360 (pp. 1-19). Düsseldorf: VDI-Verlag. ISBN: 978-3-18-092360-4

18. Oehl, M., Ihme, K., Bosch, E., Pape, A.-A., Vukelić, M., & Braun, M. (2019). Emotions in the Age of Automated Driving – Developing Use Cases for Empathic Cars. In *Mensch und Computer 2019 - Workshopband*. Bonn: Gesellschaft für Informatik e.V.. doi: 10.18420/muc2019-ws-267

19. Oehl, M., Ihme, K., Drewitz, U., Pape, A.-A., Cornelsen, S., & Schramm, M. (2019). Towards a frustration-aware assistant for increased in-vehicle UX: F-RELACS. In *Proceedings of the 11th International Conference on Automotive User Interfaces and Interactive Vehicular Applications: Adjunct Proceedings (AutomotiveUI '19)*. ACM, New York, NY, USA, 260–264. doi: 10.1145/3349263.3351518

20. Oehl, M., Kamps, M., & Sutter, C. (2019). More Mechanical- Versus More Humanoid-Looking Assistance Robots: How Do Users Rate their Capabilities? – A Study of Younger Versus Older Users. In *MuC'19 Proceedings of Mensch und Computer 2019* (pp. 805-809). doi: 10.1145/3340764.3344912

21. Schieben, A., Wilbrink, M., Kettwich, C., Dodiya, J., Oehl, M., Weber, F., Sorokin, L., Lee, Y. M., Madigan, R., Markula, G., Merat, N., Dietrich, A., Bengler, K., & Kaup., M. (2019): Testing external HMI designs for automated vehicles – An overview on user study results from the EU project interACT.

22. Bosch, E., Oehl, M., Jeon, M., Alvarez, I., Healey, J., Ju, W., & Jallais, C. (2018). Emotional GaRage: A Workshop on In-Car Emotion Recognition and Regulation. In *Adjunct Proceedings of the 10th International ACM Conference on Automotive User Interfaces 2018 – AutomotiveUI'18 Adjunct* (pp. 44-49). New York, NY: ACM. doi: 10.1145/3239092.3239098

23. Oehl, M., Kamps, M., Wesa, M., & Sutter, C. (2018). Was ältere Nutzer Assistenzrobotern zutrauen – Eine Frage des Designs?. In R. Dachselt & G. Weber (Hrsg.), *Mensch und Computer 2018 – Tagungsband*. Bonn: Gesellschaft für Informatik e.V.. DOI: 10.18420/muc2018-mci-0429

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112. Oehl, M., Gilge, A., & Pfister, H.-R. (2007). *Blickbewegungsuntersuchungen in CSCL am Beispiel von Lernprotokollen.* Abstractband der 11. Tagung der Fachgruppe Pädagogische Psychologie (DGPs) (S. 245). http://www.iqb.hu-berlin.de/veranst/V_A/ABL/Abstractband.pdf.

113. Oehl, M., Sutter, C., & Ziefle, M. (2007). Überprüfung basaler psychomotorischer Fertigkeiten mittels einer anwendungsorientierten Selektionsaufgabe am Touchscreen bei unterschiedlichen Altersgruppen. In K. F. Wender, S. Mecklenbräuker, G. D. Rey, & Th. Wehr (Hrsg.), *Beiträge zur 49. Tagung experimentell arbeitender Psychologen – TeaP 2007* (S. 233). Lengerich, Deutschland: Pabst Science Publishers.

114. Oehl, M., & Pfister, H.-R. (2006). Der Einfluss der Verfügbarkeit von Kontextinformationen beim netzbasierten Lernen mit Lernprotokollen. In F. Lösel & D. Bender (Hrsg.), *Abstracts zum 45. Kongress der Deutschen Gesellschaft für Psychologie – Humane Zukunft gestalten* (S. 252). Lengerich, Deutschland: Pabst Science Publishers.

115. Sutter, C., Oehl, M., & Ziefle, M. (2006). Wie wird Fitts' Law durch unterschiedliche Displaygrößen bei einer Selektionsaufgabe am Touchscreen beeinflusst?. In F. Lösel & D. Bender (Hrsg.), *Abstracts zum 45. Kongress der Deutschen Gesellschaft für Psychologie – Humane Zukunft gestalten* (S. 356). Lengerich, Deutschland: Pabst Science Publishers.

116. Oehl, M., & Pfister, H.-R. (2005). Online-Lernen mit Lernprotokollen – ein Vergleich von Wissens-aneignung und Problemlösen unter individuellem und gruppenbezogenem Leistungsanreiz. In K. W. Lange, K.-H. Bäuml, M. W. Greenlee, M. Hammerl, & A. Zimmer (Hrsg.), *Experimentelle Psychologie – Beiträge zur 47. Tagung experimentell arbeitender Psychologen- TeaP 2005* (S. 145). Lengerich, Deutschland: Pabst Science Publishers.

Chapters / Books

1. Sutter, C., Ladwig, S., Oehl, M., & Müsseler, J. (2013). Age Effects on Controlling Tools with Sensorimotor Transformations. In R. Pfister, M. Janczyk, & W. Kunde (Eds.), *Action Effects in Perception and Action: The Ideomotor Approach* (pp. 107-114). Lausanne, Switzerland: Frontiers Media SA.

2. Oehl, M., & Pfister, H.-R. (2010). E-Collaborative Knowledge Construction in Chat Environments. In B. Ertl (Ed.), *E-Collaborative Knowledge Construction: Learning from Computer-Supported and Virtual Environments* (pp. 54-72). Hershey, NY: IGI Global.

3. Oehl, M., & Kuper, J. (2007). Neue Medien in der Personalentwicklung von KMU. In S. Schöning, J. Richter, H. Wetzel, & D. Nissen (Hrsg.), *Kleine und mittlere Unternehmen: Unternehmensnachfolge und Innovationspotenzial* (S. 87-105). Frankfurt am Main, Deutschland: Peter Lang Verlagsgruppe.

4. Oehl, M. (2004). *Vergleichende Untersuchung psychomotorischer und kognitiver Aspekte ergonomischer Gestaltung von PDA- / Handheld-Computern bei jüngeren und älteren Nutzern.* Unveröffentlichte Diplomarbeit, RWTH Aachen.

Miscellaneous (Selection)

1. Drewitz, U., Ihme, K., Oehl, M., Hartwich, F., Hollander, C., Voßwinkel, R., Cornelsen, S., Thurlings-Tor, M., Niermann, D., Brück, Y., & Trende, A. (2021). Abschlussbericht des Projekts „AutoAkzept" - Automation ohne Unsicherheit zur Erhöhung der Akzeptanz automatisierten und vernetzten Fahrens (gefördert vom BMVI). Deutsches Zentrum für Luft- und Raumfahrt e.V. (DLR).

2. Ihme, K., Bosch, E., & Oehl, M. (2021). Abschlussbericht des Projekts „F-RELACS" – Echtzeit-Frustrationserkennung für ein adaptives System im Auto (gefördert vom BMBF). Deutsches Zentrum für Luft- und Raumfahrt e.V. (DLR).

3. Hesse, T., Oehl, M., Drewitz, U., & Jipp, M. (2021). Ganzheitliche, kontextsensitive Mensch-Maschine-Interaktion für automatisierte Fahrzeuge. *ATZ – Automobiltechnische Zeitschrift, 123*(3), 48–51. DOI: 10.1007/s35148-020-0626-6

4. Hesse, T., Oehl, M., Drewitz, U., & Jipp, M. (2021). Holistic, Context-sensitive Human-machine Interaction for Automated Vehicles. *ATZ Worldwide, 123*(3). DOI: 10.1007/s38311-020-0603-4

5. Weber, F., Sorokin, S., Schmidt, E., Schieben, A., Wilbrink, M., Kettwich, C., Dodiya, J., Oehl, M., Kaup, M., Willrodt, J.-H., Lee, Y. M., Madigan, R., Markkula, G., Romano, R., Merat, N. (2019). *EU-Project (H2020) 'interACT' D4.2 deliverable human-vehicle interaction strategies for the interACT AVs.* Retrieved from https://www.interact-roadautomation.eu/wp-content/uploads/interACT_WP4_D4.2_Final_Human_Vehicle_ Interaction_ Strategies_v1.1_uploadWebsiteApproved.pdf

6. Oehl, M., & Pfister, H.-R. (2007). *Abschlussbericht des DFG-Forschungsprojektes „Prozessanalysen von Lernprotokollen: Kommunikative und kognitive Sequenzstrukturen bei netzbasierten kooperativen Lerndiskursen"* innerhalb des DFG-Schwerpunktprogramms „Netzbasierte Wissenskommunikation in Gruppen" SPP 1081. Institut für Experimentelle Wirtschaftspsychologie der Leuphana Universität Lüneburg.

7. Hauser, S., & Oehl, M. (2006). Bericht vom Doktorandenworkshop 2005 der Fachgruppe Medienpsychologie (der Deutschen Gesellschaft für Psychologie). *Zeitschrift für Medienpsychologie*, *18* (1), 39-40.

8. Pfister, H.-R., & Oehl, M. (2005). Kooperatives Lernen im Internet mit Lernprotokollen. *Universität Lüneburg - Forschung & Transfer aktuell*, *1*, 4.

Presentations and Talks

Invited Talks

1. Oehl, M. (2021, December). *Gestaltung internaler und externaler Mensch-Maschine-Schnittstellen hochautomatisierter Fahrzeuge zur Reduktion von Unsicherheit in der Interaktion mit Nutzenden sowie anderen Verkehrsteilnehmenden.* Invited talk at FernUniversität in Hagen, Germany.

2. Oehl, M. (2021, February). *What is this vehicle doing? Reducing uncertainty in interactions with CAVs (SAE 4/5) in urban traffic*. Invited talk within the webinar series of the bilateral (Japan-Germany) research collaboration on highly automated vehicles 'CAD: Japan-Germany Human Factors Research Cooperation'.

3. Oehl, M., (2021, January). *Was tut das Auto? Gestaltung internaler und externaler Mensch-Maschine-Schnittstellen hochautomatisierter Fahrzeuge zur Reduktion von Unsicherheit in der Interaktion mit Nutzenden sowie anderen Verkehrsteilnehmenden*. Invited talk at the Technische Universität Berlin, Germany.

4. Oehl, M., (2018, February). *Driving Anger in Germany*. Invited talk at the German Aerospace Center (DLR), Germany.

5. Huemer, A. K., & Oehl, M. (2017, September). *Fahrradunfälle in Lüneburg (Stadt): Eine Analyse aufgrund der polizeilichen Unfalldaten 2011-2013 sowie von Beobachtungsdaten ausgewählter Unfallschwerpunkte 2014 und 2017*. Polizeidirektion [Police Department] Lüneburg, Uelzen & Lüchow-Dannenberg, Lüneburg, Germany.

6. Oehl, M., (2016, July). *Driving anger and its expression in Japan*. Invited talk at the Department of Systems Innovation, University of Tokyo, Japan.

7. Oehl, M., Huemer, A. K., & Vollrath, M. (2013, December). *Accident Risks in Bicycle Traffic*. Invited talk at the Polizeidirektion [Police Department] Lüneburg, Uelzen & Lüchow-Dannenberg, Lüneburg Germany.

8. Oehl, M., (2012, July). *Driving Anger in Japan*. Invited talk at the Department of Systems Innovation, University of Tokyo, Japan.

9. Oehl, M. (2011, June). *Emotions and Driving*. Invited talk at the Department of Industrial Engineering, Tsinghua University, Beijing, P. R. China.

10. Tews, T.-K., & Oehl, M. (2011, July). *Emotion Prediction by Facial Expressions in Human-Computer Interfaces*. Invited talk at NEC – C & C Innovation Research Laboratories, Nara, Japan.

11. Oehl, M. (2009, August). *Emotions in Road Traffic: The Research Program "Psychonics"*. Invited talk at the Chinese State Key Laboratory of Cognitive Neurosciences and Learning and at the Beijing Key Lab of Applied Experimental Psychology, Beijing, P. R. China.

12. Oehl, M. (2009, August). *Contemporary Trends in Traffic Psychological Research in China and Europe*. Invited talk at the School of Psychology of Beijing Normal University (BNU), Beijing, P. R. China.

13. Oehl, M. (2007, November). *A New Approach for Analyses of CSCL: What Eye Movements Can Tell Us*. Invited talk at the Chinese State Key Laboratory of Cognitive and Educational Psychology, Beijing, P. R. China.

14. Oehl, M. (2007, July). *Considerations on CSCL with Learning Protocols*. Invited talk at Beijing Normal University (BNU), Beijing, P. R. China.

15. Oehl, M. (2005, Juni). *Wissenskommunikation in Gruppen mit Hilfe von Lernprotokollen.* Eingeladener Vortrag im Rahmen der Vortragsreihe „Business meets Psychology", Universität Lüneburg, Lüneburg, Deutschland.

Conference Presentations

1. Avsar, H., Utesch, F., Wilbrink, M., Oehl, M., & Schießl, C. (2021, July). *Efficient communication of automated vehicles and manually driven vehicles through an external human-machine interface (eHMI): Evaluation at t-junctions*. Paper presented at the International Conference on Human-Computer Interaction – HCII 2021, Virtual Event, Washington DC, USA.

2. Hainich, R., Drewitz, U., Ihme, K., Lauermann, J., Rieck, J., Niedling, M., & Oehl, M. (2021, March). *Know the next turn! - The effect of an internal human-machine interface on motion sickness mitigation by using anticipatory ambient light cues in a realistic automated driving setting*. Poster at the 63rd Conference of Experimental Psychologists / Tagung experimentell arbeitender Psychologen – TeaP 2021, Ulm – TeaP@Home, Germany.

3. Hub, F., Meyer-Arlt, T., Avsar, H., & Oehl, M. (2021, October). *Evaluation of an AR-interface for efficient and safe navigation to DRT pick-up locations*. Talk at the 33rd ICTCT Conference 2021, Berlin, Germany.

4. Hub, F., & Oehl, M. (2021, July). *How to Find My Ride? Results of an HCI Expert Workshop for AR-Aided Navigation*. Paper presented at the International Conference on Human-Computer Interaction – HCII 2021, Virtual Event, Washington DC, USA.

5. Hub, F., Wilbrink, M., Kettwich, C., & Oehl, M. (2021, March). *Designing Ride Access Points for Shared Automated Vehicles*. Poster at the 63rd Conference of Experimental Psychologists / Tagung experimentell arbeitender Psychologen – TeaP 2021, Ulm – TeaP@Home, Germany.

6. Kettwich, C., Schrank, A., Avsar, H., & Oehl, M. (2021, September). *What if the Automation Fails? – A Classification of Scenarios in Teleoperated Driving*. Paper presented at the 13th International Conference on Automotive User Interfaces and Interactive Vehicular Applications (AutomotiveUI'21), Virtual Event, Leeds, GB.

7. Krüger, S., Bosch, E., Ihme, K., & Oehl, M. (2021, July). *In-Vehicle Frustration Mitigation via Voice-User Interfaces – a Simulator Study*. Paper presented at the International Conference on Human-Computer Interaction – HCII 2021, Virtual Event, Washington DC, USA.

8. Lau, M., Jipp, M., & Oehl, M. (2021, October). *Combining Vehicle Braking Behavior with an External Human-Machine Interface towards a Holistic Communication Strategy for Automated Buses*. Talk at the 33rd ICTCT Conference 2021, Berlin, Germany.

9. Lau, M., Jipp, M., & Oehl, M. (2021, September). *Investigating the Interplay between eHMI and dHMI for Automated Buses: How Do Contradictory Signals Influence a Pedestrian's Willingness to Cross?*. Paper presented at the 13th International Conference on Automotive User Interfaces and Interactive Vehicular Applications (AutomotiveUI'21), Virtual Event, Leeds, GB.

10. Lau, M., Le, D. H., & Oehl, M. (2021, June). *Design of External Human-Machine Interfaces for Different Automated Vehicle Types for the Interaction with Pedestrians on a Shared Space*. Paper presented at the 21st Congress of the International Ergonomics Association (IEA 2021), Virtual Event, Vancouver, Canada.

11. Lau, M., Le, D. H., & Oehl, M. (2021, March). *Design of External Human-Machine Interfaces for Different Vehicle Types*. Talk at the 63rd Conference of Experimental Psychologists / Tagung experimentell arbeitender Psychologen – TeaP 2021, Ulm – TeaP@Home, Germany.

12. Lau, M., & Oehl, M. (2021, September). *Towards A Holistic Communication approach - Combining eHMI and dHMI for the Interaction on a Shared Space*. Talk at the DGPs-Fachgruppentagung der Arbeits-, Organisations- & Wirtschaftspsychologie, Chemnitz, Germany (hybrid conference).

13. Lienhop, M., & Oehl, M. (2021, March). *The earlier the better? Effectiveness of frustration mitigation strategies via a speech-based in-car assistant*. Poster at the 63rd Conference of Experimental Psychologists / Tagung experimentell arbeitender Psychologen – TeaP 2021, Ulm – TeaP@Home, Germany.

14. Oehl, M., Lienhop, M., & Ihme, K. (2021, July). *Mitigating Frustration in the Car: Which Emotion Regulation Strategies Might Work for Different Age Groups?*. Paper presented at the International Conference on Human-Computer Interaction – HCII 2021, Virtual Event, Washington DC, USA.

15. Oehl, M., & Sutter, C. (2021, March). *Fahrzeugautomatisierung als Garant für die Erhöhung der Sicherheit im Straßenverkehr?*. Symposium at the 63rd Conference of Experimental Psychologists / Tagung experimentell arbeitender Psychologen – TeaP 2021, Ulm – TeaP@Home, Germany.

16. Schrank, A., Avsar, H., Kettwich, C., & Oehl, M. (2021, October). *Safety-Relevant Scenarios for Teleoperated Driving of Highly Automated Vehicles (SAE Level 4) in the Context of Public Transport*. Talk at the 33rd ICTCT Conference 2021, Berlin, Germany.

17. Schrank, A., Kettwich, C., & Oehl, M. (2021, September). *Enhancing the Teleoperator's Situation Awareness by Human-Centered HMI Design*. Talk at the 3rd German Human Factors Summer School, Berlin, Germany.

18. Schrank, A., Kettwich, C., & Oehl, M. (2021, March). *Developing and Evaluating a Human-Machine Interface for the Remote Operation of Automated Vehicles (SAE 4 and 5)*. Poster at the 63rd Conference of Experimental Psychologists / Tagung experimentell arbeitender Psychologen – TeaP 2021, Ulm – TeaP@Home, Germany.

19. Wilbrink, M., Lau, M., Illgner, J., Schieben, A., & Oehl, M. (2021, March). *Sicherheit auf den ersten Blick? Einfluss externaler Mensch-Maschine-Schnittstellen hochautomatisierter Fahrzeuge auf Fußgänger*. Talk at the 63rd Conference of Experimental Psychologists / Tagung experimentell arbeitender Psychologen – TeaP 2021, Ulm – TeaP@Home, Germany.

20. Wilbrink, M., Nuttelmann, M., & Oehl, M. (2021, September). *Scaling up Automated Vehicles' eHMI Communication Designs to Interactions with Multiple Pedestrians – Putting eHMIs to the Test*. Paper presented at the 13th International Conference on Automotive User Interfaces and Interactive Vehicular Applications (AutomotiveUI'21), Virtual Event, Leeds, GB.

21. Hub, F., Wilbrink, M., Kettwich, C., & Oehl, M. (2020, July). *Designing Ride Access Points for Shared Automated Vehicles - An Early Stage Prototype Evaluation*. Paper presented at the International Conference on Human-Computer Interaction – HCII 2020, Copenhagen, Denmark.

22. Lau, M., Le, D. H., & Oehl, M. (2020, July). *Users' Internal HMI Information Requirements for Highly Automated Driving*. Paper presented at the International Conference on Human-Computer Interaction – HCII 2020, Copenhagen, Denmark.

23. Le, D. H., Temme, G., & Oehl, M. (2020, July). *Automotive eHMI Development in Virtual Reality: Lessons Learned from Current Studies*. Paper presented at the International Conference on Human-Computer Interaction – HCII 2020, Copenhagen, Denmark.

24. Nadri, C., Li, J., Bosch, E., Oehl, M., Alvarez, I., Braun, M., & Jeon, M. (2020, September). *Emotion GaRage Vol. II: A Workshop on Affective In-Vehicle Display Design*. Workshop on 12th International Conference on Automotive User Interfaces and Interactive Vehicular Applications, September 21, 22, 2020, Virtual Event, Washington DC, USA.

25. Oehl, M., Ihme, K., Pape, A.-A., Vukelić, M., & Braun, M. (2020, July). *Affective Use Cases for Empathic Vehicles in Highly Automated Driving: Results of an Expert Workshop*. Paper presented at the International Conference on Human-Computer Interaction – HCII 2020, Copenhagen, Denmark.

26. Schindler, J., Herbig, D. L., Lau, M., & Oehl, M. (2020, July). *Communicating Issues in Automated Driving to Surrounding Traffic - How should an Automated Vehicle Communicate a Minimum Risk Maneuver via eHMI and/or dHMI?*. Paper presented at the International Conference on Human-Computer Interaction – HCII 2020, Copenhagen, Denmark.

27. Pape, A.-A., Cornelsen, S., Ihme, K., Oehl, M., Drewitz, U., Hartwich, F., Schroedel, F., Lüdtke, A., Schramm, M., Fäßler, V. (2019, March). *Empathic Assistants – methods and use cases in automated and non-automated driving*. Talk at the 20th Stuttgart International Symposium 2019, Stuttgart, Germany.

28. Dodiya, J., Oehl, M., Wilbrink, M., Kelsch, J., & Schieben, A. (2019, October). *On-board HMI design for highly automated driving: Examining user's information needs about an automated car's driving intentions in two user studies.* Talk at the Human Factors and Ergonomics Society Europe Chapter Annual Meeting – HFES Europe 2019, Nantes, France.

29. Drewitz, U., Ihme, K., Oehl, M., Schrödel, F., Voßwinkel, R., Hartwich, F., Schmidt, C., Pape, A.-A., Fleischer, T., Cornelsen, S., Lüdtke, A., Gräfing, D., & Trende, A. (2019, November). *Automation ohne Unsicherheit: Vorstellung des Förderprojekts AutoAkzept zur Erhöhung der Akzeptanz automatisierten Fahrens.* Paper presented at 10th VDI-Tagung Mensch-Maschine-Mobilität 2019, Braunschweig, Germany.

30. Oehl, M., Dodiya, J., Kelsch, J., Wilbrink, M., & Schieben, A. (2019, September). *On-board HMI design for highly automated cars: how much information about an automated car's driving intentions does the 'driver' demand for acceptance?*. Poster presented at 11th Tagung der Fachgruppe Arbeits-, Organisations- und Wirtschaftspsychologie der Deutschen Gesellschaft für Psychologie (DGPs), Braunschweig, Germany.

31. Oehl, M., Ihme, K., Bosch, E., Pape, A.-A., Vukelić, M., & Braun, M. (2019, September). *Emotions in the Age of Automated Driving – Developing Use Cases for Empathic Cars*. Paper and workshop at Mensch und Computer 2019 (MuC'19).

32. Oehl, M., Ihme, K., Drewitz, U., Pape, A.-A., Cornelsen, S., & Schramm, M. (2019, September). *Towards a frustration-aware assistant for increased in-vehicle UX: F-RELACS*. Paper presented at the 11th International ACM Conference on Automotive User Interfaces 2019 – AutomotiveUI'19, Utrecht, The Netherlands.

33. Oehl, M., Kamps, M., & Sutter, C. (2019, September). *More Mechanical- Versus More Humanoid-Looking Assistance Robots: How Do Users Rate their Capabilities? – A Study of Younger Versus Older Users*. Paper presented at Mensch und Computer 2019 (MuC'19, Hamburg, Germany).

34. Schieben, A., Wilbrink, M., Kettwich, C., Dodiya, J., Oehl, M., Weber, F., Sorokin, L., Lee, Y. M., Madigan, R., Markula, G., Merat, N., Dietrich, A., Bengler, K., & Kaup., M. (2019, November). *Externales HMI Design für automatisierte Fahrzeuge – Ergebnisse der Nutzerstudien aus dem interACT Projekt*. TÜV Tagung Automatisiertes Fahren 2019, München, Deutschland.

35. Weber, S., Sutter, C., Oehl, M., & Stumpen, H. A. (2019, March). *Pilotbefragung zur Prognose gesellschaftlicher Akzeptanz des automatisierten Fahrens in Deutschland*. Poster at the 3rd Kongress der Fachgruppe Verkehrspsychologie der Deutschen Gesellschaft für Psychologie (DGPs), Saarbrücken, Germany.

36. Bosch, E., Oehl, M., Jeon, M., et al. (2018, September). *Results of Emotional GaRage: A Workshop on In-Car Emotion Recognition and Regulation*. Poster presented at the 10th International ACM Conference on Automotive User Interfaces 2018, Toronto, Canada.

37. Bosch, E., Oehl, M., Jeon, M., et al. (2018, September). *Emotional GaRage: A Workshop on In-Car Emotion Recognition and Regulation*. Workshop at the 10th International ACM Conference on Automotive User Interfaces 2018, Toronto, Canada.

38. Huemer, A. K., Oehl, M., & Sutter, C. (2018, March). *Ungeschützte Verkehrsteilnehmer*. Symposium at the 60th Conference of Experimental Psychologists / Tagung experimentell arbeitender Psychologen – TeaP 2018, Marburg, Germany.

39. Oehl, M., & Brandenburg, S. (2018, March). *Validierung der Driving Anger Scale (DAS) für deutsche Autofahrer*. Talk at the 60th Conference of Experimental Psychologists / Tagung experimentell arbeitender Psychologen – TeaP 2018, Marburg, Germany.

40. Oehl, M., Huemer, A. K., & Sutter, C. (2018, March). *Riskantes Verhalten und Unfälle im Verkehr*. Symposium at the 60th Conference of Experimental Psychologists / Tagung experimentell arbeitender Psychologen – TeaP 2018, Marburg, Germany.

41. Oehl, M., Kamps, M., Wesa, M., & Sutter, C. (2018, September). *Was ältere Nutzer Assistenzrobotern zutrauen – Eine Frage des Designs?*. Paper presented at the Conference Mensch und Computer 2018, Dresden, Germany.

42. Sutter, C., Huemer, A. K., & Oehl, M. (2018, March). *Mensch-Maschine-Interaktion im Zuge der Automatisierung und Vernetzung von Fahrzeugen*. Doppel-Symposium at the 60th Conference of Experimental Psychologists / Tagung experimentell arbeitender Psychologen – TeaP 2018, Marburg, Germany.

43. Ratter, M., & Oehl, M. (2018, June). *Guiding user's attention in chats: Evidence from eye movement analysis*. Paper presented at EdMedia + INNOVATE LEARNING Conference 2018, Amsterdam, The Netherlands.

44. Ratter, M., & Oehl, M. (2018, June). *Do we learn more with explicit references? A closer look at the learning protocol approach to chat-based CSCL*. Paper presented at EdMedia + INNOVATE LEARNING Conference 2018, Amsterdam, The Netherlands.

45. Becker, T., Scheifele, C., & Oehl, M. (2017, March). *Risk Perception of Angry Young and Old Drivers in a Semi-automated Driving Task*. Poster at the 59th Conference of Experimental Psychologists / Tagung experimentell arbeitender Psychologen – TeaP 2017, Dresden, Germany.

46. Becker, T., Scheifele, C., Oehl, M. (2017, February). *Age and emotion related differences in risk perception in a semi-automated driving task*. Poster at the 2nd Kongress der Fachgruppe Verkehrspsychologie der Deutschen Gesellschaft für Psychologie (DGPs), Bergisch Gladbach, Germany.

47. Brandenburg, S., & Oehl, M. (2017, March). *Driving Anger of German Non-professional and Professional Car Drivers*. Talk at the 59th Conference of Experimental Psychologists / Tagung experimentell arbeitender Psychologen – TeaP 2017, Dresden, Germany.

48. Brandenburg, S., Oehl, M., & Hartwig, C. (2017, September). *The Driving Anger Expression Inventory – Validation of a German (Short) Version*. Poster presented at the Human Factors and Ergonomics Society Europe Chapter Annual Meeting – HFES Europe 2017, Rome, Italy.

49. Hartwig, C., Oehl, M., & Brandenburg, S. (2017, February). *The Driving Anger Expression Inventory: Is it applicable to German drivers?*. Poster at the 2nd Kongress der Fachgruppe Verkehrspsychologie der Deutschen Gesellschaft für Psychologie (DGPs), Bergisch Gladbach, Germany.

50. Huemer, A. K., Oehl, M., & Brandenburg, S. (2017, September). *Cyclists' Anger Experience in Road Traffic: From Anger Provoking Incidents to Developing a Cycling Anger Experience Measure*. Talk at the Human Factors and Ergonomics Society Europe Chapter Annual Meeting – HFES Europe 2017, Rome, Italy.

51. Huemer, A. K., Oehl, M., & Brandenburg, S. (2017, September). *Cyclists' Anger Experience in Road Traffic: From Anger Provoking Incidents to Developing a Cycling Anger Experience Measure*. Poster at the ICC – International Cycling Conference 2017, Mannheim, Germany.

52. Huemer, A. K., Oehl, M., & Brandenburg, S. (2017, March). *Cyclists' Anger Experience in Road Traffic: From Anger Provoking Incidents to Developing a Cycling Anger Experience Measure*. Talk at the 59th Conference of Experimental Psychologists / Tagung experimentell arbeitender Psychologen – TeaP 2017, Dresden, Germany.

53. Huemer, A. K., Oehl, M., & Brandenburg, S. (2017, February). *Cyclists' Anger Experience in Road Traffic: From Anger Provoking Incidents to Developing a Cycling Anger Experience Measure*. Talk at the 2nd Kongress der Fachgruppe Verkehrspsychologie der Deutschen Gesellschaft für Psychologie (DGPs), Bergisch Gladbach, Germany.

54. Kurtz, M., Oehl, M., & Höger, R. (2017, February). *"Nur eben eine Sprachnachricht" – Vergleich des Einflusses von Text- und Sprachnachrichten auf die Fahrleistung*. Poster at the 2nd Kongress der Fachgruppe Verkehrspsychologie der Deutschen Gesellschaft für Psychologie (DGPs), Bergisch Gladbach, Germany.

55. Oehl, M., & Brandenburg, S. (2017, September). *German Non-professional vs. Professional Drivers' Driving Anger Experience and Expression – Validation of Measures and Cross-cultural Comparison*. Poster presented at the Human Factors and Ergonomics Society Europe Chapter Annual Meeting – HFES Europe 2017, Rome, Italy.

56. Oehl, M., & Brandenburg, S. (2017, July). *German non-professional and professional drivers' experience and expression of driving anger – validation of measures and cross-cultural comparison*. Poster presented at the 9th European IACCP Conference - International Congress of Cross-Cultural Psychology, Warsaw, Poland.

57. Oehl, M., & Brandenburg, S. (2017, February). *Driving anger experience and expression of German non-professional and professional car drivers*. Poster at the 2nd Kongress der Fachgruppe Verkehrspsychologie der Deutschen Gesellschaft für Psychologie (DGPs), Bergisch Gladbach, Germany.

58. Oehl, M., Stein, J., & Sutter, C. (2017, May). *Handedness Sometimes Matters: Performance Differences When Controlling Integrated Input Devices for Automotive Human-Machine Interfaces*. Poster presented at the 29th Association for Psychological Science (APS) Annual Convention, Boston, USA.

59. Scheifele, C., Becker, T., & Oehl, M. (2017, March). *Young Drivers and Emotions – A Driving Simulator Study*. Poster at the 59th Conference of Experimental Psychologists / Tagung experimentell arbeitender Psychologen – TeaP 2017, Dresden, Germany.

60. Tschöpe, N., Reiser, J. E., & Oehl, M. (2017, March). *Exploring the Uncanny Valley Effect in Social Robotics*. Paper presented at the 12th Annual ACM Conference on Human-Robot Interaction – HRI 2017, Vienna, Austria.

61. Becker, T., Scheifele, C., & Oehl, M. (2016, September). *Chosen Time Headways by Angry Younger and Older Drivers*. Poster presented at the 50th Kongress der Deutschen Gesellschaft für Psychologie (DGPs), Leipzig, Germany.

62. Emmermann, B., & Oehl, M. (2016, July). *Anger Experience of Cyclists in Traffic: Are Professional Cyclists Different from Regular Cyclists?*. Poster presented at the 31st International Congress of Psychology (ICP 2016), Yokohama, Japan.

63. Emmermann, B., & Oehl, M. (2016, July). *Introducing the Cycling Anger Scale*. Poster presented at the 31st International Congress of Psychology (ICP 2016), Yokohama, Japan.

64. Emmermann, B., & Oehl, M. (2016, March). *Cycling Anger of Regular Cyclists and Professional Bicycle Messengers in Germany: Further Validation of the Cycling Anger Scale*. Poster presented at the 58th Conference of Experimental Psychologists / Tagung experimentell arbeitender Psychologen – TeaP 2016, Heidelberg, Germany.

65. Kurtz, M., Oehl, M., & Höger, R. (2016, September). *Distraktive Wirkungen der Smartphone-Nutzung beim Autofahren*. Poster presented at the 50th Kongress der Deutschen Gesellschaft für Psychologie (DGPs), Leipzig, Germany.

66. Oehl, M., Brandenburg, S., Rau, P. L. P., Guo, Z., & Kanno, T. (2016, August). *Driving Anger Experience and Its Expression in China vs. Japan – An International Cross-Cultural Comparison*. Poster presented at the 23rd International Congress of Cross-Cultural Psychology – IACCP 2016, Nagoya, Japan.

67. Oehl, M., & Emmermann, B. (2016, September). *Cycling Anger of Regular Cyclists and Professional Bicycle Messengers in Germany – Are They Different?*. Poster presented at the 50th Kongress der Deutschen Gesellschaft für Psychologie (DGPs), Leipzig, Germany.

68. Oehl, M., Emmermann, B., Brandenburg, S., & Huemer, A. (2016, November). *Cycling Anger: Regular Cyclists vs. Professional Bicycle Messengers*. Poster presented at the International Cycling Safety Conference – ICSC 2016, Bologna, Italy.

69. Oehl, M., Kaup, I., & Kanno, T. (2016, July). *Driving Anger in Japan – A Japanese Validation of the Driving Anger Scale and Cross-cultural Comparison*. Poster presented at the 31st International Congress of Psychology (ICP 2016), Yokohama, Japan.

70. Oehl, M., Reiser, J. E., & Tschöpe, N. (2016, July). *Exploring the uncanny valley effect in affective social robotics*. Poster presented at the 31st International Congress of Psychology (ICP 2016), Yokohama, Japan.

71. Oehl, M., Stein, J., & Sutter, C. (2016, October). *Left- vs. Right-handed Users' Performance Controlling Integrated Input Devices – Implications for Automotive HMI*. Poster presented at the Human Factors and Ergonomics Society Europe Chapter Annual Meeting – HFES Europe 2016, Prague, Czech Republic.

72. Oehl, M., Stein, J., & Sutter, C. (2016, September). *Integrierte Eingabegeräte: Sind Links- oder Rechtshänder besser?*. Paper presented at the Conference Mensch und Computer 2016 joint with UP16 – Usability Professionals, Aachen, Germany.

73. Oehl, M., Stein, J., & Sutter, C. (2016, March). *Users' Handedness and Performance when Controlling Integrated Input Devices - Implications for Automotive HMI*. Poster presented at the 58th Conference of Experimental Psychologists / Tagung experimentell arbeitender Psychologen – TeaP 2016, Heidelberg, Germany.

74. Scheifele, C., Becker, T., & Oehl, M. (2016, September). *Risky Driving Behavior of Novice and Young Drivers in Different Affective States*. Poster presented at the 50th Kongress der Deutschen Gesellschaft für Psychologie (DGPs), Leipzig, Germany.

75. Bersch, F., Siebert, F. W., Oehl, M., & Pfister, H.-R. (2015, March). *Bestimmung des subjektiven Risikoschwellenwertes von Time Headways mittels des Grenzverfahrens in der Psychophysik*. Poster presented at

the 57th Conference of Experimental Psychologists / Tagung experimentell arbeitender Psychologen – TeaP 2015, Hildesheim, Germany.

76. Brandmiller, C., Emmermann, B., & Oehl, M. (2015, March). *Development of a cycling anger scale*. Poster presented at the 57th Conference of Experimental Psychologists / Tagung experimentell arbeitender Psychologen – TeaP 2015, Hildesheim, Germany.

77. Brandmiller, C., Emmermann, B., & Oehl, M. (2015, February). *Assessing Cyclists' Anger in Traffic – Development of a Cycling Anger Scale*. Poster presented at the 1st Kongress der Fachgruppe Verkehrspsychologie der Deutschen Gesellschaft für Psychologie (DGPs), Braunschweig, Germany.

78. Karwehl, L. J., Oehl, M., & Höger, R. (2015, September). *Konflikte und Ärger im städtischen Straßenverkehr – die Perspektive von Fahrradfahrenden*. Poster presented at the 9. Fachgruppentagung Arbeits-, Organisations- und Wirtschaftspsychologie (DGPs), Mainz, Germany.

79. Oehl, M., & Brandmiller (2015, September). *The Cycling Anger Scale – Assessing Cyclists' Anger Experience in Traffic*. Poster presented at the International Cycling Safety Conference – ICSC 2015, Hannover, Germany.

80. Oehl, M., & Karwehl, L. J. (2015, February). *Driving Anger among German Cyclists – A Diary Study*. Poster presented at the 1st Kongress der Fachgruppe Verkehrspsychologie der Deutschen Gesellschaft für Psychologie (DGPs), Braunschweig, Germany.

81. Oehl, M., Reiser, J. E., & Tschöpe, N. (2015, May). *Exploring the uncanny valley effect in affective social robotics: robots' expressed emotional states manipulate their perceived uncanniness*. Poster presented at the 27th Association for Psychological Science (APS) Annual Convention, New York, USA.

82. Oehl, M., & Siebert, F. W. (2015, March). *Step on it! How positive affective states influence young drivers' driving behaviors*. Poster presented at the 57th Conference of Experimental Psychologists / Tagung experimentell arbeitender Psychologen – TeaP 2015, Hildesheim, Germany.

83. Oehl, M., Stein, J., & Sutter, C. (2015, September). *Linkshändigkeit als Privileg oder Nachteil bei Notebookeingabegeräten?*. Paper presented at the Conference Mensch und Computer 2015 joint with UP15 – Usability Professionals, Stuttgart, Germany.

84. Reiser, J. E., Tschöpe, N., Oehl, M., & Höger, R. (2015, March). *An exploration of humans' ability to recognize emotions displayed by robots*. Poster presented at the 57th Conference of Experimental Psychologists / Tagung experimentell arbeitender Psychologen – TeaP 2015, Hildesheim, Germany.

85. Seigies, K., & Oehl, M. (2015, March). *Driving Anger among Taxi Drivers in German Cities*. Poster presented at the 57th Conference of Experimental Psychologists / Tagung experimentell arbeitender Psychologen – TeaP 2015, Hildesheim, Germany.

86. Seigies, K., & Oehl, M. (2015, February). *Driving Anger – Are Taxi Drivers Different Compared to Non-Professional Drivers?*. Poster presented at the 1st Kongress der Fachgruppe Verkehrspsychologie der Deutschen Gesellschaft für Psychologie (DGPs), Braunschweig, Germany.

87. Siebert, F. W., Oehl, M., & Pfister, H.-R. (2015, February). *Das Grenzverfahren im verkehrspsychologischen Experiment am Beispiel von Time Headway und Risikoempfinden*. Talk at the 1st Kongress der Fachgruppe Verkehrspsychologie der Deutschen Gesellschaft für Psychologie (DGPs), Braunschweig, Germany.

88. Tschöpe, N., Reiser, J. E., Oehl, M., & Höger, R. (2015, March). *Exploring the Uncanny-Valley-Effect in Affective Human-Robot Interaction: The Impact of Emotion Expressions on the Perception of the Robots' Design*. Poster presented at the 57th Conference of Experimental Psychologists / Tagung experimentell arbeitender Psychologen – TeaP 2015, Hildesheim, Germany.

89. Karwehl, L., Oehl, M., & Höger, R. (2014, September). *What makes me angry on the bicycle: Traffic related anger among cyclists in German cities*. Poster presented at the 49th Kongress der Deutschen Gesellschaft für Psychologie (DGPs), Bochum, Germany.

90. Oehl, M. (2014, October). *The Learning Protocol Approach to Chat-based CSCL – Towards Enhanced Learning Discourses and Cognitive Processing*. Paper presented at E-Learn 2014 World Conference on E-Learning in Corporate, Government, Healthcare, & Higher Education, New Orleans, USA.

91. Oehl, M., & Höger, R. (2014, July). *Affective States and Driving Behavior of Novice and Young Drivers*. Paper presented at the 5th International Conference on Applied Human Factors and Ergonomics – AHFE 2014, Kraków, Poland.

92. Oehl, M., Karwehl, L. J., Brandmiller, C., & Reiser, J. E. (2014, November). *What Makes German Cyclists Angry on the Bike?*. Poster presented at the International Cycling Safety Conference – ICSC 2014, Gothenburg, Sweden.

93. Oehl, M., & Siebert, F. W. (2014, October). *Novice and Young Drivers' Driving Behavior in a Positive versus Negative Affective State*. Poster presented at the Human Factors and Ergonomics Society Europe Chapter Annual Meeting – HFES Europe 2014, Lisbon, Portugal.

94. Oehl, M., Siebert, F. W., & Höger, R. (2014, September). *Affective States and Risky Driving Behavior of Novice and Young Drivers*. Poster presented at the 49th Kongress der Deutschen Gesellschaft für Psychologie (DGPs), Bochum, Germany.

95. Reiser, J. E., Tschöpe, N., Oehl, M., & Höger, R. (2014, September). *Affective Human-Robot Interaction – The Influence of Humans' Emotion Recognition Ability*. Poster presented at the 49th Kongress der Deutschen Gesellschaft für Psychologie (DGPs), Bochum, Germany.

96. Seigies, K., Oehl, M., & Höger, R. (2014, September). *The Experience of Driving Anger among Taxi Drivers in German Cities*. Poster presented at the 49th Kongress der Deutschen Gesellschaft für Psychologie (DGPs), Bochum, Germany.

97. Siebert, F. W., Oehl, M., & Pfister, H.-R. (2014, October). *Using the Method of Limits to Assess Comfortable Time Headways in Adaptive Cruise Control*. Poster presented at the Human Factors and Ergonomics Society Europe Chapter Annual Meeting – HFES Europe 2014, Lisbon, Portugal.

98. Siebert, F. W., Oehl, M., & Pfister, H.-R. (2014, September). *Comfortable Time Headways in Adaptive Cruise Control: Does a Psychophysical Approach Provide an Incremental Assessment?*. Poster presented at the 49th Kongress der Deutschen Gesellschaft für Psychologie (DGPs), Bochum, Germany.

99. Siebert, F. W., Oehl, M., & Pfister, H.-R. (2014, July). *Assessing Comfortable Time Headways in Adaptive Cruise Control with a Psychophysic Approach*. Poster presented at the 28th International Congress of Applied Psychology – ICAP 2014, Paris, France.

100. Tews, T.-K., Oehl, M., Faasch, H., & Kanno, T. (2014, June). *Current and New Perspectives on Dynamic Facial Emotion Detection in Emotional Interfaces*. Paper presented at 16th International Conference on Human-Computer Interaction – HCII 2014, Heraklion, Greece.

101. Tschöpe, N., Reiser, J. E., Oehl, M., & Höger, R. (2014, September). *The Influence of Robots' Emotion Expressions on the Uncanny-Valley-Effect*. Poster presented at the 49th Kongress der Deutschen Gesellschaft für Psychologie (DGPs), Bochum, Germany.

102. Oehl, M., & Kanno, T. (2013, October). *Driving Anger and Driving Anger Expression of Japanese Drivers*. Poster presented at Human Factors and Ergonomics Society Europe Chapter Annual Meeting – HFES Europe 2013, Torino, Italy.

103. Oehl, M., Sutter, C., & Dahlmanns, L. (2013, July). *Small Input Devices Used by the Elderly – How Sensorimotor Transformation and Task Complexity Affect Interaction*. Paper presented at 15th International Conference on Human-Computer Interaction – HCII 2013, Las Vegas, USA.

104. Oehl, M., Telle, N.-T., Siebert, F. W., Pfister, H.-R., & Höger, R. (2013, August). *Affective Human-Robot Interaction – An Explorative Research Approach Using Movie Scenes*. Poster presented at the plenary meeting of the International Society for Research on Emotion – ISRE 2013, Berkeley, USA.

105. Oehl, M., Telle, N.-T., Siebert, F. W., Pfister, H.-R., & Höger, R. (2013, March). *Exploring Affective Human-Robot Interaction with Movie Scenes*. Poster presented at the Tagung experimentell arbeitender Psychologen – TeaP 2013, Vienna, Austria.

106. Siebert, F. W., Oehl, M., Höger, R., & Pfister, H.-R. (2013, July). *Discomfort in Automated Driving – The Disco-Scale*. Paper presented at 15th International Conference on Human-Computer Interaction – HCII 2013, Las Vegas, USA.

107. Siebert, F. W., Oehl, M., & Pfister, H.-R. (2013, October). *Is there a threshold effect of time headway on subjective variables for different velocities?*. Poster presented at Human Factors and Ergonomics Society Europe Chapter Annual Meeting – HFES Europe 2013, Torino, Italy.

108. Siebert, F. W., Oehl, M., & Pfister, H.-R. (2013, August). *Discomfort and Critical Time Headway in Autonomous Driving*. Poster presented at the plenary meeting of the International Society for Research on Emotion – ISRE 2013, Berkeley, USA.

109. Siebert, F. W., Oehl, M., Höger, R., & Pfister, H.-R. (2013, March). *Time Headway and Comfort in Adaptive Cruise Control*. Poster presented at the Tagung experimentell arbeitender Psychologen – TeaP 2013, Vienna, Austria.

110. Tews, T.-K., Oehl, M., Kanno, T., & Höger, R. (2013, September). *A Survey of Dynamic Facial Emotion Detection in Emotional Car Interfaces*. Paper presented at the Second International Symposium on Future Active Safety Technology - Toward Zero Traffic Accidents (FAST-zero'13), Nagoya, Japan.

111. Oehl, M., & Kanno, T. (2012, June). *Driving Anger and Driving Anger Expression of Japanese Drivers*. Poster presented at the Japan Society for the Promotion of Science (JSPS) Summer Program 2012, Tokyo, Japan.

112. Oehl, M., Siebert, F. W., Pfister, H.-R., & Höger, R. (2012, April). *The Influence of Affective States on Driving Behavior of Novice and Young Drivers*. Poster presented at the Tagung experimentell arbeitender Psychologen – TeaP 2012, Mannheim, Germany.

113. Oehl, M., Siebert, F. W., Rau, P. L. P., Zhuang, C., & Kanno, T. (2012, August). *A Cross-Cultural Study on Driving Anger with Chinese and Japanese Drivers*. Poster presented at the 5th International Conference on Traffic and Transport Psychology – ICTTP 2012, Groningen, The Netherlands.

114. Oehl, M., Siebert, F. W., Rau, P. L. P., Zhuang, C., & Kanno, T. (2012, July). *Driving Anger Expression of Chinese and Japanese Drivers - A Cross-Cultural Comparison*. Paper presented at the 21st International Congress of Cross-Cultural Psychology – IACCP 2012, Stellenbosch, South Africa.

115. Oehl, M., Siebert, F. W., Rau, P. L. P., Zhuang, C., & Kanno, T. (2012, July). *Driving Anger and Driving Anger Expression of Chinese and Japanese Drivers*. Poster presented at the 30th International Congress of Psychology – ICP 2012, Cape Town, South Africa.

116. Oehl, M., Sutter, C., Heber, I. A., & Dahlmanns, L. (2012, July). *Aging and Distal Effect Anticipation when Using Tools*. Poster presented at the 30th International Congress of Psychology – ICP 2012, Cape Town, South Africa.

117. Oehl, M., Telle, N.-T., Siebert, F. W., Pfister, H.-R., & Höger, R. (2012, September). *Emotion Perception in Human-Robot Interaction*. Postervortrag auf dem 48. Kongress der Deutschen Gesellschaft für Psychologie (DGPs), Bielefeld, Deutschland.

118. Oehl, M., Telle, N.-T., Siebert, F. W., Pfister, H.-R., & Höger, R. (2012, July). *Much More Than Meets the Eye: Emotion Perception in Human-Robot Interaction*. Poster presented at the 30th International Congress of Psychology – ICP 2012, Cape Town, South Africa.

119. Siebert, F. W., Oehl, M., Mahlfeld, W., Pfister, H.-R., & Höger, R. (2012, September). *A Questionnaire Assessing Discomfort in Automation – The Disco-Scale*. Postervortrag auf dem 48. Kongress der Deutschen Gesellschaft für Psychologie (DGPs), Bielefeld, Deutschland.

120. Siebert, F. W., Oehl, M., Mahlfeld, W., Pfister, H.-R., & Höger, R. (2012, August). *Comfort and Intervention Behavior of Drivers in Highly Automated Vehicles with Headway Control*. Poster presented at the 5th International Conference on Traffic and Transport Psychology – ICTTP 2012, Groningen, The Netherlands.

121. Siebert, F. W., Oehl, M., Mahlfeld, W., Pfister, H.-R., & Höger, R. (2012, July). *Comfort and Adaptive Cruise Control in Highly Automated Vehicles*. Poster presented at the 30th International Congress of Psychology – ICP 2012, Cape Town, South Africa.

122. Siebert, F. W., Oehl, M., Mahlfeld, W., Ruth, C., Pfister, H.-R., & Höger, R. (2012, July). *Development of a Questionnaire Assessing Discomfort – The Disco-Scale*. Poster presented at the 30th International Congress of Psychology – ICP 2012, Cape Town, South Africa.

123. Siebert, F. W., Oehl, M., Pfister, H.-R., & Höger, R. (2012, July). *Comparing the Driving Behavior of Novice and Young Drivers: The Influence of Affective States*. Poster presented at the 30th International Congress of Psychology – ICP 2012, Cape Town, South Africa.

124. Siebert, F. W., Oehl, M., Telle, N.-T., & Höger, R. (2012, October). *Affective Robot Design – Emotion Perception in Human-Robot Interaction*. Poster presented at the Annual Meeting of the Human Factors and Ergonomics Society Europe Chapter, Toulouse, France.

125. Siebert, F. W., Ruth, C., Oehl, M., Mahlfeld, W., Pfister, H.-R., & Höger, R. (2012, April). *Headway Control and Comfort in Vehicle Automation*. Poster presented at the Tagung experimentell arbeitender Psychologen – TeaP 2012, Mannheim, Germany.

126. Sutter, C., Oehl, M., Heber, I. A., Zekorn, N., & Makowski, L. (2012, April). *Age effects on controlling tools with sensorimotor transformations*. Poster presented at the Tagung experimentell arbeitender Psychologen – TeaP 2012, Mannheim, Germany.

127. Tews, T.-K., Oehl, M., Kanno, T., & Höger, R. (2012, July). *A Dynamic Approach to Predict Users' Emotions by Facial Expressions in Human-Machine Communication*. Poster presented at the 14th European Conference on Facial Expression – ECFE 2012, Lisboa, Portugal.

128. Tews, T.-K., Oehl, M., Kanno, T., & Höger, R. (2012, April). *Emotion Prediction by Facial Expressions in Human-Computer Interfaces*. Poster presented at the Tagung experimentell arbeitender Psychologen – TeaP 2012, Mannheim, Germany.

129. Tews, T.-K., Oehl, M., Kanno, T., & Höger, R. (2012, March). *Emotion Prediction by Users' Facial Expressions in Human-Computer Interfaces*. Poster presented at the IK 2012, Günne at Lake Möhne, Germany. [*Received a Best Poster Award*]

130. Heber, I. A., Oehl, M., & Sutter, C. (2011, July). *Performance and Comfort when Using Motion-Controlled Tools in Complex Tasks*. Paper presented at 14th International Conference on Human-Computer Interaction – HCII 2011, Orlando, USA.

131. Höger, R., Frehse, B., Oehl, M., Roidl, E., & Pfister, H.-R. (2011, October). *What tells the driver´s voice about driving situations and driving behaviour?*. Poster presented at the Annual Meeting of the Human Factors and Ergonomics Society Europe Chapter, Leeds, UK.

132. Oehl, M., Däubel, A., & Pfister, H.-R. (2011, June). *Learning and Re-learning in Chat-based CSCL: The Impact of Individual Learning Strategies*. Paper presented at ED-MEDIA 2011 World Conference on Educational Multimedia, Hypermedia & Telecommunications, Lisbon, Portugal.

133. Oehl, M., & Pfister, H.-R. (2011, July). *Modeling Efficient Grounding in Chat-based CSCL: An Approach for Adaptive Scripting?*. Poster presented at the 9th International Conference on Computer Supported Collaborative Learning – CSCL 2011, Hong Kong, China.

134. Oehl, M., Siebert, F. W., Tews, T.-K., Höger, R., & Pfister, H.-R. (2011, July). *Improving Human-Machine Interaction – A Multimodal Non-Invasive Approach to Detect Emotions in Car Drivers*. Paper presented at 14th International Conference on Human-Computer Interaction – HCII 2011, Orlando, USA.

135. Oehl, M., Siebert, F. W., Tews, T.-K., Höger, R., & Pfister, H.-R. (2011, July). *The Influence of Emotions on Driving Behavior – A Multi-Dimensional Model for Car Drivers*. Poster presented at the plenary meeting of the International Society for Research on Emotion – ISRE 2011, Kyoto, Japan.

136. Oehl, M., Siebert, F. W., Tews, T.-K., Höger, R., & Pfister, H.-R. (2011, März). *Fahrverhalten in Abhängigkeit diskreter Emotionen unterschiedlicher Valenz: Eine Erweiterung des untersuchten Emotionsspektrums im Straßenverkehr*. Postervortrag auf der 53. Tagung experimentell arbeitender Psychologen – TeaP 2011, Halle (Saale), Deutschland.

137. Mahlfeld, W., Oehl, M., Ruth, C., Höger, R., & Pfister, H.-R. (2011, October). *The Influence of Trust in Automation on Drivers' Reactions during Highly-Automated Driving*. Poster presented at the Annual Meeting of the Human Factors and Ergonomics Society Europe Chapter, Leeds, UK.

138. Siebert, F. W., Oehl, M., Tews, T.-K., Höger, R., & Pfister, H.-R. (2011, July). *Detecting Emotions in Car Drivers – A New Approach for Emotional Interfaces*. Poster presented at the plenary meeting of the International Society for Research on Emotion – ISRE 2011, Kyoto, Japan.

139. Siebert, F. W., Oehl, M., Tews, T.-K., Höger, R., & Pfister, H.-R. (2011, März). *Der Einfluss von Valenz und Erregungsniveau von Emotionen auf die Griffkraft bei Fahrzeugführern*. Postervortrag auf der 53. Tagung experimentell arbeitender Psychologen – TeaP 2011, Halle (Saale), Deutschland.

140. Stebut, J. v., Tews, T.-K., Oehl, M., Siebert, F. W., Höger, R., & Pfister, H.-R. (2011, März). *Detektion emotionaler Fahrerzustände basierend auf der Analyse akustischer Sprachparameter*. Postervortrag auf der 53. Tagung experimentell arbeitender Psychologen – TeaP 2011, Halle (Saale), Deutschland.

141. Tews, T.-K., Oehl, M., Kanno, T., Höger, R., Pfister, H.-R., & Faasch, H. (2011, October). *Automatic Emotion Detection by Facial Expressions in Human-Computer Interaction: The Example of a Chat-based Interview Agent*. Poster presented at the Annual Meeting of the Human Factors and Ergonomics Society Europe Chapter, Leeds, UK.

142. Tews, T.-K., Oehl, M., Siebert, F. W., Höger, R., & Pfister, H.-R. (2011, März). *Neue Ansätze zur dynamischen Mimikerkennung: Gestaltung der emotionalen Mensch-Maschine-Schnittstelle im Fahrzeug*. Postervortrag auf der 53. Tagung experimentell arbeitender Psychologen – TeaP 2011, Halle (Saale), Deutschland.

143. Tews, T.-K., Oehl, M., Siebert, F. W., Höger, R., Pfister, H.-R., & Faasch, H. (2011, July). *Dynamic Emotion Detection and its Application to Emotional Interfaces in Cars*. Paper presented at 14th International Conference on Human-Computer Interaction – HCII 2011, Orlando, USA.

144. Tews, T.-K., Oehl, M., Siebert, F. W., Kanno, T., Höger, R., Pfister, H.-R., & Faasch, H. (2011, July). *Hints from Facial Expressions: A Dynamic Emotion Detection Approach for Emotional Interfaces in Human-Computer Interaction*. Poster presented at the plenary meeting of the International Society for Research on Emotion – ISRE 2011, Kyoto, Japan.

145. Berwe, T., Oehl, M., & Pfister, H.-R. (2010, July). *Modeling Effective and Ineffective Knowledge Communication and Learning Discourses in CSCL with Hidden Markov Models*. Paper presented at the 1st International Conference on Applied Digital Human Modeling within the 3rd International Conference on Applied Human Factors and Ergonomics – AHFE 2010, Miami, USA.

146. Berwe, T., Oehl, M., Wahl, M., & Pfister, H.-R. (2010, September). *Modellierung effektiver und ineffektiver Chatdiskurse im Computer-Supported Collaborative Learning mit Hidden Markov Models.* Postervortrag auf dem 47. Kongress der Deutschen Gesellschaft für Psychologie (DGPs), Bremen, Deutschland.

147. Däubel, A., Oehl, M., & Pfister, H.-R. (2010, September). *Lernen und Wiederlernen in chatbasiertem Computer-Supported Collaborative Learning: Welchen Einfluss haben individuelle Lernstrategien?.* Postervortrag auf dem 47. Kongress der Deutschen Gesellschaft für Psychologie (DGPs), Bremen, Deutschland.

148. Frehse, B., Oehl, M., Roidl, E., & Höger, R. (2010, März). *Emotionen im Straßenverkehr: Eine Bestandsaufnahme.* Vortrag auf der 52. Tagung experimentell arbeitender Psychologen – TeaP 2010, Saarbrücken, Deutschland.

149. Oehl, M., Berwe, T., & Pfister, H.-R. (2010, October). *Process Analyses of Grounding in Chat-based CSCL: An Approach for Adaptive Scripting?.* Poster presented at the 10th Biannual Conference of the German Society for Cognitive Science, KogWis 2010, Potsdam, Germany.

150. Oehl, M., Berwe, T., Wahl, M., & Pfister, H.-R. (2010, June). *Modeling Grounding Processes in Chat-Based CSCL.* Paper presented at ED-MEDIA 2010 World Conference on Educational Multimedia, Hypermedia & Telecommunications, Toronto, Canada.

151. Oehl, M., Roidl, E., Frehse, B., Suhr, J., Siebert, F. W., Pfister, H.-R., & Höger, R. (2010, März). *Das Driving Emotion Wheel: Welche Emotionen hat der Autofahrer?.* Postervortrag auf der 52. Tagung experimentell arbeitender Psychologen – TeaP 2010, Saarbrücken, Deutschland.

152. Oehl, M., Roidl, E., Frehse, B., Suhr, J., Siebert, F. W., Pfister, H.-R., & Höger, R. (2010, September). *Das Emotionsspektrum von Autofahrern im Straßenverkehr.* Postervortrag auf dem 47. Kongress der Deutschen Gesellschaft für Psychologie (DGPs), Bremen, Deutschland.

153. Oehl, M., & Siebert, F. W. (2010, July). *Designing Small Touch-Screen Devices: The Impact of Display Size on Pointing Performance.* Paper presented at the 3rd International Conference on Applied Human Factors and Ergonomics – AHFE 2010, Miami, USA.

154. Oehl, M., Siebert, F. W., Tews, T.-K., & Pfister, H.-R. (2010, October). *Detecting Driver's Emotions: Measurement Applications in the Car.* Poster presented at the Annual Meeting of the Human Factors and Ergonomics Society Europe Chapter, Berlin, Germany.

155. Oehl, M., Wahl, M., Berwe, T., & Pfister, H.-R. (2010, June). *Discourse Analyses in Chat-Based CSCL with Learning Protocols: Effects of Different Scripting Strategies.* Paper presented at ED-MEDIA 2010 World Conference on Educational Multimedia, Hypermedia & Telecommunications, Toronto, Canada.

156. Roidl, E., Frehse, B., Oehl, M., Pfister, H.-R., & Höger, R. (2010, September). *Situationale versus persönliche Faktoren des Emotionserlebens im Straßenverkehr.* Postervortrag auf dem 47. Kongress der Deutschen Gesellschaft für Psychologie (DGPs), Bremen, Deutschland.

157. Roidl, E., Oehl, M., Pfister, H.-R., & Höger, R. (2010, März). *Situationsinhärente Eigenschaften von Verkehrsszenarien und ihre Beziehung zu erlebten Emotionen.* Vortrag auf der 52. Tagung experimentell arbeitender Psychologen – TeaP 2010, Saarbrücken, Deutschland.

158. Siebert, F. W., Oehl, M., & Pfister, H.-R. (2010, July). *The Measurement of Grip-Strength in Automobiles: A New Approach to Detect Driver's Emotions.* Paper presented at the 3rd International Conference on Applied Human Factors and Ergonomics – AHFE 2010, Miami, USA.

159. Siebert, F. W., Oehl, M., & Pfister, H.-R. (2010, September). *Ein Ansatz zur Detektion emotionaler Erregung bei PKW-Fahrern mittels physiologischer Parameter.* Postervortrag auf dem 47. Kongress der Deutschen Gesellschaft für Psychologie (DGPs), Bremen, Deutschland.

160. Siebert, F. W., Oehl, M., & Pfister, H.-R. (2010, October). *Gender Differences in Grip-Strength Depending on Arousal and Valence of Emotions.* Poster presented at the 10th Biannual Conference of the German Society for Cognitive Science, KogWis 2010, Potsdam, Germany.

161. Siebert, F. W., Oehl, M., Suhr, J., & Pfister, H.-R. (2010, März). *Detektion emotionaler Erregung bei PKW-Fahrern: Was kann die Griffkraft dazu beitragen?.* Postervortrag auf der 52. Tagung experimentell arbeitender Psychologen – TeaP 2010, Saarbrücken, Deutschland.

162. Sutter, C., & Oehl, M., (2010, July). *Of Age Effects and the Role of Psychomotor Abilities and Practice when Using Interaction Devices.* Paper presented at the 3rd International Conference on Applied Human Factors and Ergonomics – AHFE 2010, Miami, USA.

163. Tews, T.-K., Frehse, B., Oehl, M., Höger, R., Pfister, H.-R., & Faasch, H. (2010, July). *Dynamic Emotion Detection and its Application to Emotional Interfaces in Cars.* Talk at the 13th European Conference on Facial Expression – ECFE 2010, Duisburg, Germany.

164. Tews, T.-K., Frehse, B., Oehl, M., Siebert, F. W., Höger, R., Pfister, H.-R., & Faasch, H. (2010, October). *Emotional Interfaces in Cars: Cues from Facial Expressions*. Poster presented at the Annual Meeting of the Human Factors and Ergonomics Society Europe Chapter, Berlin, Germany. [*Received the Best Poster Award*].

165. Vogt, D., Oehl, M., & Süßmair, A. (2010, September). *Möglichkeiten und Grenzen von Videoplattformen als Managementtool im organisationalen Kontext – Eine Fallstudie*. Postervortrag auf dem 47. Kongress der Deutschen Gesellschaft für Psychologie (DGPs), Bremen, Deutschland.

166. Wahl, M., Oehl, M., Berwe, T., & Pfister, H.-R. (2010, September). *Effekte unterschiedlicher Kollaborationsskripte in chatbasiertem Computer-Supported Collaborative Learning am Beispiel von Lernprotokollen*. Postervortrag auf dem 47. Kongress der Deutschen Gesellschaft für Psychologie (DGPs), Bremen, Deutschland.

167. Frehse, B., Roidl, E., Oehl, M.,Suhr, J., Pfister, H.-R., & Höger, R. (2009, Juni). *Emotionale Interfaces in der Fahrzeugsteuerung: Ein psychonischer Ansatz*. Vortrag auf der 1. Berliner Fachtagung Biophysiologische Interfaces in der Mensch-Maschine-Interaktion, Berlin, Deutschland.

168. Oehl, M. (2009, August). *Implications for Touch-Based Devices: The Impact of Display Size on Pointing Performance*. Paper presented at the 17th Triennial Congress of the International Ergonomics Association – IEA 2009, Beijing, P. R. China.

169. Oehl, M., & Pfister, H.-R. (2009, August). *Efficient Replay Formats in Chat-Based CSCL for Re-Learning*. Paper presented at the 17th Triennial Congress of the International Ergonomics Association – IEA 2009, Beijing, P. R. China.

170. Oehl, M., & Pfister, H.-R. (2009, July). *Explicit References in Chat-Based CSCL: Do They Faciliate Global Text Processing?*. Poster presented at the 31st Annual Meeting of the Cognitive Science Society – CogSci 2009, Amsterdam, The Netherlands.

171. Oehl, M., & Pfister, H.-R. (2009, June). *Explicit References in Chat-Based CSCL: Do They Faciliate Global Text Processing? Evidence from Eye Movement Analyses*. Poster presented at the 8th International Conference on Computer Supported Collaborative Learning – CSCL 2009, Rhodes, Greece.

172. Oehl, M., Telle, N.-T., & Pfister, H.-R. (2009, März). *Prozessanalytische Modellierung von Wissenskommunikation in chat-basiertem CSCL*. Postervortrag auf der 51. Tagung experimentell arbeitender Psychologen – TeaP 2009, Jena, Deutschland.

173. Roidl, E., Oehl, M., Pfister, H.-R., & Höger, R. (2009, October). *Situational Factors of Traffic Events and Their Relations to Experienced Emotions*. Poster presented at the Annual Meeting of the Human Factors and Ergonomics Society Europe Chapter, Linköping, Sweden.

174. Suhr, J., Oehl, M., Siebert, F. W., & Höger, R. (2009, October). *The Influence of Emotions on Driving Behavior*. Poster presented at the Annual Meeting of the Human Factors and Ergonomics Society Europe Chapter, Linköping, Sweden. [*Received a Best Poster Award*].

175. Oehl, M. (2008, September). *Gestaltung von Touchoberflächen für ältere Nutzer – kognitive und psychomotorische Aspekte*. Postervortrag auf der 9. Fachtagung der Gesellschaft für Kognitions-wissenschaften – KogWis 2008, Dresden, Deutschland.

176. Oehl, M. (2008, July). *Design of small touch screen interfaces for older users: The impact of screen size, task difficulty and task complexity*. Paper presented at the 29th International Congress of Psychology – ICP / DGPs 2008, Berlin, Germany.

177. Oehl, M., & Pfister, H.-R. (2008, November). Knowledge Acquisition and Problem Solving in CSCL with Learning Protocols: Effects of Different Scripting Strategies. Paper presented at E-Learn – World Conference on E-Learning in Corporate, Government, Healthcare, & Higher Education, Las Vegas, USA.

178. Oehl, M., & Pfister, H.-R. (2008, November). *Re-Learning in CSCL with Learning Protocols*. Paper presented at E-Learn – World Conference on E-Learning in Corporate, Government, Healthcare, & Higher Education, Las Vegas, USA.

179. Oehl, M., & Pfister, H.-R. (2008, July). *A Coding Scheme to Analyse Global Text Processing in Computer Supported Collaborative Learning: What Eye Movements Can Tell Us*. Poster presented at the 29th International Congress of Psychology – ICP / DGPs 2008, Berlin, Germany.

180. Oehl, M., Pfister, H.-R., & Gilge, A. (2008, July). *The Impact of Explicit References in Computer Supported Collaborative Learning: Evidence from Eye Movement Analyses*. Poster presented at the 29th International Congress of Psychology – ICP / DGPs 2008, Berlin, Germany.

181. Oehl, M., Pfister, H.-R., & Gilge, A. (2008, June). *Global Text Processing in CSCL with Learning Protocols: A Coding Scheme for Eye Movement Analyses*. Poster presented at the 8th International Conference of the Learning Sciences – ICLS 2008, Utrecht, The Netherlands.

182. Oehl, M., Ziefle, M., & Sutter, C. (2008, März). *Wie beeinflussen Komplexität und Schwierigkeit der Aufgabe die Selektionsleistung am Touchscreen bei jüngeren und älteren Nutzern?*. Forschungs-referat auf der 50. Tagung experimentell arbeitender Psychologen – TeaP 2008, Marburg, Deutschland.

183. Pfister, H.-R., Oehl, M., & Gilge, A. (2008, März). *Kognitive Unterstützung durch explizite Referenzen in CSCL: Wie wirken sich konsistente und inkonsistente Referenzen aus?*. Postervortrag auf der 50. Tagung experimentell arbeitender Psychologen – TeaP 2008, Marburg, Deutschland.

184. Sutter, C., Armbrüster, C., Oehl, M., & Müsseler, J. (2008, July). *Office work place with laptop computers: User specific requirements for input devices and software design*. Paper presented at the 2nd International Conference on Applied Human Factors and Ergonomics – AHFE 2008, Las Vegas, USA.

185. Gilge, A., Oehl, M., & Pfister, H.-R. (2007, September). *Explizite Referenzierung bei Lernprotokollen – Eine Blickbewegungsuntersuchung*. Postervortrag auf der 5. Tagung der Fachgruppe Medienpsychologie (DGPs), Dresden, Deutschland.

186. Oehl, M., Gilge, A., & Pfister, H.-R. (2007, September). *Blickbewegungsuntersuchungen in CSCL am Beispiel von Lernprotokollen.* Postervortrag auf der Tagung der Fachgruppe Pädagogische Psychologie (DGPs), Berlin, Deutschland.

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188. Oehl, M., & Pfister, H.-R. (2007, June). *The Use of Learning Protocols for Re-Learning in CSCL*. Paper presented at ED-MEDIA 2007 World Conference on Educational Multimedia, Hypermedia & Telecommunications, Vancouver, Canada.

189. Oehl, M., Sutter, C., & Ziefle, M. (2007, July). *Considerations on Efficient Touch Interfaces – How Display Size Influences the Performance in an Applied Pointing Task*. Paper presented at 12th International Conference on Human-Computer Interaction – HCII 2007, Beijing, P. R. China.

190. Oehl, M., Sutter, C., & Ziefle, M. (2007, März). *Überprüfung basaler psychomotorischer Fertigkeiten mittels einer anwendungsorientierten Selektionsaufgabe am Touchscreen bei unterschiedlichen Altersgruppen.* Forschungsreferat auf der 49. Tagung experimentell arbeitender Psychologen – TeaP 2007, Trier, Deutschland.

191. Oehl, M., & Pfister, H.-R. (2006, October). *A Process Analysis of Grounding Activities in Net-Based Cooperative Learning*. Paper presented at E-Learn – World Conference on E-Learning in Corporate, Government, Healthcare, & Higher Education, Honolulu, USA.

192. Oehl, M., & Pfister, H.-R. (2006, September). *Der Einfluss der Verfügbarkeit von Kontextinformationen beim netzbasierten Lernen mit Lernprotokollen*. Vortrag auf dem 45. Kongress der Deutschen Gesellschaft für Psychologie (DGPs), Nürnberg, Deutschland.

193. Oehl, M., & Pfister, H.-R. (2006, Juni). *Prozessanalysen von Lerndiskursen mit Lernprotokollen.* Postervortrag auf dem Abschussworkshop des DFG-Schwerpunktprogramms „Netzbasierte Wissenskommunikation in Gruppen" (SPP 1081), Freiburg, Deutschland.

194. Oehl, M., Sutter, C., & Ziefle, M. (2006, September). *Wie wird Fitts' Law durch unterschiedliche Displaygrößen bei einer Selektionsaufgabe am Touchscreen beeinflusst?*. Vortrag auf dem 45. Kongress der Deutschen Gesellschaft für Psychologie (DGPs), Nürnberg, Deutschland.

195. Oehl, M. (2005, September). *Analyse von Grounding-Aktivitäten beim netzbasierten, kollaborativen, synchronen Lernen mit Lernprotokollen.* Vortrag auf dem 2. Doktorandenworkshop der Fachgruppe Medienpsychologie (DGPs), Erfurt, Deutschland.

196. Oehl, M., & Pfister, H.-R. (2005, September). *Grounding-Aktivitäten und deren Nutzen beim kollaborativen Lernen mit Lernprotokollen unter verschiedenen Aufgabenstellungen.* Vortrag auf der 4. Tagung der Fachgruppe Medienpsychologie (DGPs), Erfurt, Deutschland.

197. Oehl, M., & Pfister, H.-R. (2005, June). *Using Learning Protocols for Knowledge Acquisition and Problem Solving with Individual and Group Incentives.* Paper presented at ED-MEDIA 2005 World Conference on Educational Multimedia, Hypermedia & Telecommunications, Montréal, Canada. [*Received an Outstanding Paper Award*].

198. Oehl, M., & Pfister, H.-R. (2005, April). *Online-Lernen mit Lernprotokollen – ein Vergleich von Wissensaneignung und Problemlösen unter individuellem und gruppenbezogenem Leistungsanreiz.* Forschungsreferat auf der 47. Tagung experimentell arbeitender Psychologen – TeaP 2005, Regensburg, Deutschland.

Media Coverage (Selection)

1. Paarmann, A. (2016, July 7). Noch viel Potential zur Verbesserung für Fahrradfahrer. *Landeszeitung für die Lüneburger Heide - LZ*, pp. 7.

2. Sprockhoff, A. (2016, April 30). Stau, Stress und neue Hoffnung. *Landeszeitung für die Lüneburger Heide - LZ*, pp. 11.

3. Matthies, M. (2015, September 1). Bessere Schulnoten für Radfahrsituation in Lüneburg. *Landeszeitung für die Lüneburger Heide – LZ*, pp. 4.

4. Matthies, M. (2015, March 27). Wo es für Radler gefährlich wird. *Landeszeitung für die Lüneburger Heide - LZ*, pp. 3.

5. Heintz, F. (2009, October 22). Wutsensor: VW erforscht neues Assistenzsystem – Projekt mit der Universität Lüneburg. *Wolfsburger Allgemeine Zeitung – WAZ*, pp. 15.

6. Wüst, C. (2009, October 19). Die Vermessung des Wüterichs. *DER SPIEGEL*, pp. 137.

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