

2017

Artur Lupp, Alexander G. Mirnig, Andreas Uhl and Manfred Tscheligi. A Study Setup Optimization - Providing Solutions with Patterns. In *PATTERNS 2017, The Ninth International Conferences on Pervasive Patterns and Applications* (2017), 11-16.

Zdeněk Materna, Michal Kapinus, Vítzslav Beran, Pavel Smr?, Manuel Giuliani, Nicole Mirnig, Susanne Stadler, Gerald Stollnberger and Manfred Tscheligi. Using persona, scenario, and use case to develop a human-robot augmented reality collaborative workspace. In *Proceedings of the Companion of the 2017 ACM/IEEE International Conference on Human-Robot Interaction* (2017), 201-202.

Alexander Meschtscherjakov, Nicole Perterer, Sandra Trösterer, Alina Krischkowsky and Manfred Tscheligi. The Neglected Passenger—How Collaboration in the Car Fosters Driving Experience and Safety. *Automotive User Interfaces - Creating Interactive Experiences in the Car* (2017), 187-213.

Alexander Meschtscherjakov, Sandra Trösterer, Artur Lupp and Manfred Tscheligi. Pokémon WALK: Persuasive Effects of Pokémon GO Game-Design Elements. In *Persuasive Technology: Development and Implementation of Personalized Technologies to Change Attitudes and Behaviors: 12th International Conference, PERSUASIVE 2017, Amsterdam, The Netherlands, April 4--6, 2017, Proceedings* (2017), 241-252.

Nicole Mirnig, Nicole Perterer, Gerald Stollnberger and Manfred Tscheligi. Three Strategies for Autonomous Car-to-Pedestrian Communication: A Survival Guide. In *Proceedings of the Companion of the 2017 ACM/IEEE International Conference on Human-Robot Interaction* (2017), 209-210.

Nicole Mirnig, Gerald Stollnberger, Manuel Giuliani and Manfred Tscheligi. Elements of humor: How humans perceive verbal and non-verbal aspects of humorous robot behavior. In *Proceedings of the Companion of the 2017 ACM/IEEE International Conference on Human Robot Interaction* (2017), 211-212.

Nicole Mirnig, Gerald Stollnberger, Markus Miksch, Susanne Stadler, Manuel Giuliani and Manfred Tscheligi. To Err Is Robot: How Humans Assess and Act toward an Erroneous Social Robot. *Frontiers in Robotics and AI 4*, (2017), 1-15.

Martin Murer, Verena Fuchsberger and Manfred Tscheligi. Un-Crafting: De-Constructive Engagements with Interactive Artifacts. In *Proceedings of the Eleventh International Conference on Tangible, Embedded, and Embodied Interaction* (2017), 67-77.

Katja Neureiter, Alina Krischkowsky, Ulrike Bruckenberger and Manfred Tscheligi. Social Capital & Knowledge Exchange: Supporting Cooperation Online. In *In: Rethinking Social Capital* (2017).

Katja Neureiter, Johannes Vollmer, Rebecca Luisa Gerwert Vaz de Carvalho and Manfred Tscheligi. Starting up an E-Mentoring Relationship. A User Study. In *Proceedings of the 8th International Conference on Communities and Technologies* (2017).

Andreas Riener, Alexander Meschtscherjakov, Alexander G. Mirnig, Manuel Giuliani, Manfred Tscheligi, Jeon Myoungsoon, Zhi Zheng and Chung Hyuk Park. Workshop "CARobots: Automated Driving Systems as Robots on Four Wheels". In *IEEE International Symposium on Robot and Human Interactive Communication (RO-MAN)* (2017).

Dorothe Smit, Martin Murer, Vincent van Rheden, Thomas Grah and Manfred Tscheligi. The Evolution of a Scale Model As an Impromptu Design Tool. In *Proceedings of the 2017 Conference on Designing Interactive Systems* (2017), 233-245.

Susanne Stadler, Nicole Mirnig, Manuel Giuliani, Manfred Tscheligi, Zdenek Materna and Michal Kapinus. Industrial Human-Robot Interaction: Creating Personas for Augmented Reality supported Robot Control and Teaching. In *Companion of the 2017 ACM/IEEE International Conference on Human-Robot Interaction* (2017), 291-292.

Sandra Trösterer, Christine Döttlinger, Magdalena Gärtner, Alexander Meschtscherjakov and Manfred Tscheligi. Individual LED Visualization Calibration to Increase Spatial Accuracy: Findings from a Static Driving Simulator Setup. In *Proceedings of the 9th International Conference on Automotive User Interfaces and Interactive Vehicular Applications (AutomotiveUI '17)* (2017).

Sandra Trösterer, Thomas Meneweger, Alexander Meschtscherjakov and Manfred Tscheligi. Transport Companies, Truck Drivers, and the Notion of Semi-Autonomous Trucks: A Contextual Examination. In *Adjunct Proceedings of the 9th International Conference on Automotive User Interfaces and Interactive Vehicular Applications (AutomotiveUI '17)* (2017).

Sandra Trösterer, Alexander Meschtscherjakov, Alexander Mirnig, Artur Lupp, Magdalena Gärtner, Fintan McGee, Rod McCall, Manfred Tscheligi and Thomas Engel. What We Can Learn from Pilots for Handovers and (De)Skilling in Semi-Autonomous Driving: An Interview Study. In *Proceedings of the 9th International Conference on Automotive User Interfaces and Interactive Vehicular Applications (AutomotiveUI '17)* (2017).

Vincent van Rheden, Bernhard Maurer, Dorothe Smit, Martin Murer and Manfred Tscheligi. LaserViz: Shared Gaze in the Co-Located Physical World. In *Proceedings of the Eleventh International Conference on Tangible, Embedded, and Embodied Interaction* (2017), 191-196.

2016

Krzysztof Arent, Janusz Jakubiak, Michał Drwiega, Mateusz Cholewinski, Gerald Stollnberger, Manuel Giuliani, Manfred Tscheligi, Dorota Szczesniak-Stanczyk, Marcin Janowski, Wojciech Brzozowski and others. Control of mobile robot for remote medical examination: Design concepts and users' feedback from experimental studies. In *Proceedings of the International Conference on Human System Interactions (HSI)*, vol. 9 (2016), 76-82.

Ilhan Aslan, Andreas Uhl, Alexander Meschtscherjakov and Manfred Tscheligi. Design and Exploration of Mid-air Authentication Gestures. *ACM Transactions on Interactive Intelligent Systems* 6, (2016), 23:1-23:22.

Verena Fuchsberger, Thomas Meneweger, Florian Rätzer, Daniela Wurhofer and Manfred Tscheligi. Knowledge Acquisition in Industry 4.0: Studying (e)Learning Experience. In *Workshop "Human Computer Interaction Perspectives on Industry 4.0" at 16th International Conference on Knowledge Technologies and Data-driven Business (i-KNOW 2016)* (2016).

Verena Fuchsberger, Martin Murer, Alina Krischkowsky and Manfred Tscheligi. Interaction Design Labels: Concepts, Inscriptions, and Concealed Intentions. In *Proceedings of the 2016 ACM Conference on Designing Interactive Systems* (2016), 108-120.

Verena Fuchsberger, Martin Murer, Manfred Tscheligi, Silvia Lindtner, Shaowen Bardzell,

Jeffrey Bardzell, Andreas Reiter and Pernille Bjorn. Fabrication & HCI: Hobbyist Making, Industrial Production, and Beyond. In *Proceedings of the 2016 CHI Conference Extended Abstracts on Human Factors in Computing Systems* (2016), 3550-3557.

Thomas Grah, Felix Epp, Alexander Meschtscherjakov and Manfred Tscheligi. Dorsal Haptic Sensory Augmentation: Fostering Drivers awareness of their surroundings with a haptic car seat. In *PERSUASIVE 2016, Adjunct Proceedings of the 11th International Conference on Persuasive Technology* (2016), 59-62.

Tim Kaiser, Alexander Mirnig, Nicole Perterer and Manfred Alexander;Tscheligi Meschtscherjakov. Car User Experience Patterns: A Pattern Collection in Progress. In *Proc. PATTERNS 2016, The Eighth International Conference on Pervasive Patterns and Applications* (2016), 9-16.

Mark Kramer, Alexander Meschtscherjakov and Manfred Tscheligi. Teaching in an Age of Ubiquitous Social Media: An Informal Ethnographic Survey. In *Proceedings of the Cross Cultural Business Conference 2016* (2016).

Alina Krischkowsky, Bernhard Maurer and Manfred Tscheligi. Captology and Technology Appropriation: Unintended Use as a Source for Designing Persuasive Technologies. In *Proceedings of the 11th International Conference on Persuasive Technology, PERSUASIVE 2016* (2016), 78-83.

Alina Krischkowsky, Sandra Trösterer, Ulrike Bruckenberger, Bernhard Maurer, Katja Neureiter, Nicole Perterer, Axel Baumgartner, Alexander Meschtscherjakov and Manfred Tscheligi. The Impact of Spatial Properties on Collaboration: An Exploratory Study in the Automotive Domain. *Proceedings of the 2016 ACM Conference on Supporting Groupwork, GROUP'16* (2016), 245-255.

Alina Krischkowsky, Nervo Verdezoto, Michael Muller and Manfred Tscheligi. Focus Section: Experiences of Technology Appropriation: Unanticipated Users, Usage, Circumstances, and Design. In *International Journal on Interaction Design and Architectures* (2016), 95-98.

Bernhard Maurer, Magdalena Gärtner, Martin Wuchse, Alexander Meschtscherjakov and Manfred Tscheligi. Utilizing a Digital Game as a Mediatory Artifact for Social Persuasion to Prevent Speeding. In *Persuasive Technology* (2016), 199-210.

Bernhard Maurer, Michael Lankes, Barbara Stiglbauer and Manfred Tscheligi. EyeCo: Effects of Shared Gaze on Social Presence in an Online Cooperative Game. In *Entertainment Computing - ICEC 2016: 15th IFIP TC 14 International Conference, Vienna, Austria, September 28-30, 2016, Proceedings* (2016), 102-114.

Rod McCall, Martin Baumann, Ioannis Politis, Shadan Sadeghian, Ignacio Alvarez, Alexander Mirnig, Alexander Meschtscherjakov, Manfred Tscheligi, Lewis Chuang and Jacques Terken. 1st Workshop on Situational Awareness in Semi- Automated Vehicles. In *Adjunct Proceedings of the 8th International Conference on Automotive User Interfaces and Interactive Vehicular Applications (AutomotiveUI '16)* (2016), 231-234.

Alexander Meschtscherjakov, Boris de Ruyter, Verena Fuchsberger, Martin Murer and Manfred(eds) Tscheligi. *Persuasive Technology 11th International Conference, PERSUASIVE 2016, Salzburg, Austria, April 5-7, 2016, Adjunct Proceedings*. 2016.

Alexander Meschtscherjakov, Boris De Ruyter, Verena Fuchsberger, Martin Murer and

- Manfred(eds) Tscheligi. *Persuasive Technology 11th International Conference, PERSUASIVE 2016, Salzburg, Austria, April 5-7, 2016, Proceedings*. 2016.
- Alexander Meschtscherjakov, Magdalena Gärtner, Alexander Mirnig, Christina Rödel and Manfred Tscheligi. *11th International Conference on Persuasive Technology, PERSUASIVE 2016*. , 2016, ch. The Persuasive Potential Questionnaire (PPQ): Challenges, Drawbacks, and Lessons Learned, 162-175.
- Alexander Meschtscherjakov, Alina Krischkowsky, Katja Neureiter, Alexander Mirnig, Axel Baumgartner, Verena Fuchsberger and Manfred Tscheligi. Active Corners: Collaborative In-Car Interaction Design. In *DIS2016: Proceedings of the Conference on Designing Interactive Systems* (2016), 1136-1147.
- Alexander Meschtscherjakov, Manfred Tscheligi, Dalila Szostak, Sven Krome, Bastian Pfleging, Rabindra Ratan, Ioannis Politis, Sonia Baltodano, Dave Miller and Wendy Ju. HCI and Autonomous Vehicles: Contextual Experience Informs Design. In *Proceedings of the 2016 CHI Conference Extended Abstracts on Human Factors in Computing Systems* (2016), 3542-3549.
- Alexander Mirnig, Tim Kaiser, Artur Lupp, Nicole Perterer, Alexander Meschtscherjakov, Thomas Grah and Manfred Tscheligi. Automotive User Experience Design Patterns: An Approach and Pattern Examples. *International Journal On Advances in Intelligent Systems* 9, (2016).
- Alexander Mirnig, Nicole Perterer, Alexander Meschtscherjakov, Alina Krischkowsky, Katja Neureiter, Arno Laminger and Manfred Tscheligi. Enhancing Telephone Communication in the Vehicle Through Audio from the Headrest: A Comparison Study. In *Proceedings of the 8th International Conference on Automotive User Interfaces and Interactive Vehicular Applications (AutomotiveUI '16)* (2016), 59-66.
- Nicole Mirnig, Susanne Stadler, Gerald Stollnberger, Manuel Giuliani and Manfred Tscheligi. Robot Humor: How Self-Irony and Schadenfreude Influence People's Rating of Robot Likability. In *Proceedings of the IEEE International Symposium on Robot and Human Interactive Communication (RO-MAN 2016)* (2016).
- Michael Muller, Katja Neureiter, Nervo Verdezoto, Alina Krischkowsky, Anna M. Polli and Manfred Tscheligi. Workshop: Collaborative Appropriation: How Couples, Teams, Groups and Communities Adapt and Adopt Technologies. In *Proceedings of the 19th ACM Conference on Computer Supported Cooperative Work and Social Computing Companion (CSCW '16 Companion)* (2016), 473-480.
- Nicole Perterer, Verena Fuchsberger, Astrid Weiss, Manfred Tscheligi, Volker Wulf and Klaus Bengler. Workshop: Contextual Collaboration: Where Automation and People Meet. In *COOP'EA* (2016).
- Nicole Perterer, Christiane Moser, Alexander Meschtscherjakov, Alina Krischkowsky and Manfred Tscheligi. Activities and Technology Usage While Driving: A Field Study with Private Short-Distance Car Commuters. In *Proceedings of the 9th NordiCHI* (2016), Article 41.
- Nicole Perterer, Alexander Mirnig, Alexander Meschtscherjakov and Manfred Tscheligi. The Vehicle: A Workplace of the Future. In *Workshop: Automotive HMI, Mensch und Computer* (2016).
- Nicole Perterer, Sandra Trösterer and Manfred Tscheligi. Collaborative Technology

Appropriation in the Car: Challenges and Lessons Learned. In *Workshop: Collaborative Appropriation: How Couples, Teams, Groups and Communities Adapt and Adopt Technologies (CSCW'16 Companion)* (2016).

Andreas Riener, Jeon Myounghoon, Ignacio Alvarez, Bastian Pfleging, Alexander Mirnig, Lewis Chuang and Manfred Tscheligi. 1st Workshop on Ethically Inspired User Interfaces for Automated Driving. In *Adjunct Proceedings of the 8th International Conference on Automotive User Interfaces and Interactive Vehicular Applications (AutomotiveUI '16)* (2016), 215-218.

Susanne Stadler, Kevin Kain, Manuel Giuliani, Nicole Mirnig, Gerald Stollnberger and Manfred Tscheligi. Augmented Reality for Industrial Robot Programmers: Workload Analysis for Task based, Augmented Reality-supported Robot Control. In *Proceedings of the IEEE International Symposium on Robot and Human Interactive Communication, RO-MAN '16* (2016).

Gerald Stollnberger, Manuel Giuliani, Nicole Mirnig, Manfred Tscheligi, Krzysztof Arent, Kreczmer Bogdan, Filip Grzeszczak, Dorota Szczesniak-Stanczyk, Zarczuk Radoslaw and Andrzej Wysokinski. Designing User Interfaces for Different User Groups: A Three-Way Teleconference System for Doctors, Patients and Assistants Using a Remote Medical Robot. In *Proceedings of the IEEE International Symposium on Robot and Human Interactive Communication (RO-MAN 2016) (Nominated for Best Design Paper Award)* (2016).

Gerald Stollnberger, Moser Christiane, Manuel Giuliani, Susanne Stadler, Manfred Tscheligi, Dorota Szczesniak-Stanczyk and Bartlomiej Stanczyk. User Requirements for a Medical Robotic System: Enabling Doctors to Remotely Conduct Ultrasonography and Physical Examination. In *Proceedings of the IEEE International Symposium on Robot and Human Interactive Communication (RO-MAN 2016)* (2016).

Sandra Trösterer, Magdalena Gärtner, Alexander Mirnig, Alexander Meschtscherjakov, Rod McCall, Nicolas Louveton, Manfred Tscheligi and Thomas Engel. You Never Forget How to Drive: Driver Skilling and Deskillling in the Advent of Autonomous Vehicles. In *Proceedings of the 8th International Conference on Automotive User Interfaces and Interactive Vehicular Applications (AutomotiveUI '16)* (2016), 209-216.

2015

Ilhan Aslan, Verena Fuchsberger, Manfred Tscheligi and Jelle van Dijk. Integrating Theories of Mind with Tangible and Embedded Interaction Design. In *Proceedings of the Ninth International Conference on Tangible, Embedded, and Embodied Interaction* (2015), 465-468.

Ilhan Aslan, Alina Krischkowsky, Alexander Meschtscherjakov, Martin Wuchse and Manfred Tscheligi. A Leap for Touch: Proximity Sensitive Touch Targets in Cars. In *Proceedings of the 7th International Conference on Automotive User Interfaces and Interactive Vehicular Applications* (2015), 39-46.

Ilhan Aslan, Thomas Meneweger, Verena Fuchsberger and Manfred Tscheligi. Sharing Touch Interfaces: Proximity-Sensitive Touch Targets for Tablet-Mediated Collaboration. In *ICMI '15: Proceedings of the 2015 ACM on International Conference on Multimodal Interaction* (2015), 279-286.

Ilhan Aslan, Barbara Weixelbaumer, Bernhard Maurer, Daniela Wurhofer, Alexander Meschtscherjakov and Manfred Tscheligi. Sounds Like It Works: Music-based Navigation to Improve the Cleanroom Experience. In *Proceedings of the 33rd Annual ACM Conference Extended Abstracts on Human Factors in Computing Systems* (2015), 1657-1662.

Caroline Atzl, Alexander Meschtscherjakov, Stefan Vikoler and Manfred Tscheligi. Bet4EcoDrive: Betting for a More Economical Driving. In *10th International Conference on Persuasive Technology, PERSUASIVE 2015*, vol. Persuasive Technology (2015), 71-82.

Roland Buchner, Verena Fuchsberger, Astrid Weiss and Manfred Tscheligi. Designing for the Factory: UX Prototyping for the Cleanroom. In *INTERACT 2015 Adjunct Proceedings: 15th IFIP TC. 13 International Conference on Human-Computer Interaction 14-18 September 2015, Bamberg, Germany*, vol. 22 (2015), 145.

Isha Dandavate, Jennifer Milam, Jeanne Allen, Christiane Moser, Thomas Kargl, Manfred Tscheligi, Jeroen Vanattenhoven, Lilia Perez Romero, Fabian Schiller and Joost Negenman. People, Context, and Devices: Defining the New Landscape of TV Experiences. In *Proceedings of the ACM International Conference on Interactive Experiences for TV and Online Video* (2015), 209-213.

Verena Fuchsberger, Bernhard Maurer, Martin Murer and Manfred Tscheligi. The Context as Material for Physical Data Representation. In *Workshop "Exploring the Challenges of Making Data Physical" at CHI'15* (2015).

Verena Fuchsberger, Martin Murer and Manfred Tscheligi. Time and Design: Seven Sensitivities. In *Proceedings of the Ninth International Conference on Tangible, Embedded, and Embodied Interaction* (2015), 581-586.

Verena Fuchsberger, Martin Murer, Manfred Tscheligi, José Abdelnour-Nocera, Pedro Campos and Frederica Gonçalves. Workshop: Human Work Interaction Design (HWID): Design for Challenging Work Environments. In *Proceedings of Interact 2015* (2015).

Verena Fuchsberger, Martin Murer, Manfred Tscheligi, Silvia Lindtner, Andreas Reiter, Shaowen Bardzell, Jeffrey Bardzell and Pernille Bjørn. Workshop: The Future of Making: Where Industrial and Personal Fabrication Meet. In *Critical Alternatives 2015* (2015).

Manuel Giuliani, Nicole Mirnig, Gerald Stollnberger, Susanne Stadler, Roland Buchner and Manfred Tscheligi. Systematic Analysis of Video Data from Different Human-Robot Interaction Studies: A Categorisation of Social Signals During Error Situations. *Frontiers in Psychology* 6, (2015).

Thomas Grah, Felix Epp, Martin Wuchse, Alexander Meschtscherjakov, Frank Gabler, Arnd Steinmetz and Manfred Tscheligi. Dorsal Haptic Display: A Shape-changing Car Seat for Sensory Augmentation of Rear Obstacles. In *Proceedings of the 7th International Conference on Automotive User Interfaces and Interactive Vehicular Applications* (2015), 305-312.

Alina Krischkowsky, Christiane Moser and Manfred Tscheligi. Social Roles and Role Expectations: Understanding Older Adults' Support Practices. In *Workshop "Designing for sharing in local communities" at CHI'15* (2015).

Alina Krischkowsky, Manfred Tscheligi, Katja Neureiter, Michael Muller, Anna M. Polli and Nervo Verdezoto. Workshop: Experiences of Technology Appropriation: Unanticipated Users, Usage, Circumstances, and Design. In *Adjunct Proceedings of the European Conference on Computer Supported Cooperative Work* (2015).

Bernhard Maurer, Ilhan Aslan, Martin Wuchse, Katja Neureiter and Manfred Tscheligi. Gaze Based Onlooker Integration: Exploring the In-Between of Active Player and Passive Spectator in

- Co-Located Gaming. In *Proceedings of the 2nd SIGCHI Annual Symposium on Computer Human Interaction in Play* (2015).
- Bernhard Maurer, Roland Buchner, Martin Murer and Manfred Tscheligi. Actuated Shear: Enabling Haptic Feedback on Rich Touch Interfaces. In *Proceedings of INTERACT 2015: 15th IFIP TC. 13 International Conference on Human-Computer Interaction* (2015).
- Thomas Meneweger, Marianna Obrist and Manfred Tscheligi. Meanings of a Blurred Mobile Home Context for People aged 50plus. In *INTERACT 2015 Adjunct Proceedings: 15th IFIP TC. 13 International Conference on Human-Computer Interaction* (2015), 335-341.
- Thomas Meneweger, Daniela Wurhofer, Verena Fuchsberger and Manfred Tscheligi. Erlebniszentrierte Interviews zur Erfassung von User Experience mit Industrierobotern [abstract]. *design2product. Beiträge zur empirischen Designforschung, Band 5: Methoden der Designforschung* (2015), 48-68.
- Thomas Meneweger, Daniela Wurhofer, Verena Fuchsberger and Manfred Tscheligi. Working Together with Industrial Robots: Experiencing Robots in a Production Environment. In *Proceedings of the 24th IEEE International Symposium on Robot and Human Interactive Communication (RO-MAN)* (2015), 833-838.
- Alexander Meschtscherjakov, Christine Döttlinger, Christina Rödel and Manfred Tscheligi. ChaseLight: Ambient LED Stripes to Control Driving Speed. In *Proceedings of the 7th International Conference on Automotive User Interfaces and Interactive Vehicular Applications* (2015), 212-219.
- Alexander Meschtscherjakov, Rod McCall, Nicolas Louveton, Thomas Engel, Manfred Tscheligi and Vincent Koenig. MaDSAV: Maintaining Driving Skills in Semi-autonomous Vehicles. In *Adjunct Proceedings of the 7th International Conference on Automotive User Interfaces and Interactive Vehicular Applications* (2015), 136-139.
- Alexander Meschtscherjakov, Nicole Perterer, Arno Laminger, David Wilfinger, Sandra Trösterer and Manfred Tscheligi. User Experience Evaluation Model for Auditory In-vehicle Systems. In *Workshop "In-Vehicle Auditory Interactions" at 21st International Conference on Auditory Display (ICAD-2015)* (2015).
- Alexander Meschtscherjakov, Manfred Tscheligi, Dalila Szostak, Rabindra Ratan, Roderick McCall, Ioannis Politis and Sven Krome. Experiencing Autonomous Vehicles: Crossing the Boundaries Between a Drive and a Ride. In *Proceedings of the 33rd Annual ACM Conference Extended Abstracts on Human Factors in Computing Systems* (2015), 2413-2416.
- Alexander Meschtscherjakov, Manfred Tscheligi, Dalila Szostak, Rabindra Ratan, Roderick McCall, Ioannis Politis, Sven Krome, Andreas Riener, Jeon Myounghoon and Jacques Terken. 3rd Workshop on User Experience of Autonomous Driving. In *7th International Conference on Automotive User Interfaces and Interactive Vehicular Applications* (2015).
- Alexander Mirnig and Manfred Tscheligi. Introducing a General Multi-Purpose Pattern Framework: Towards a Universal Pattern Approach. *International Journal On Advances in Intelligent Systems* 8, (2015), 40-56.
- Alexander Mirnig, Alexander Meschtscherjakov, Nicole Perterer, Alina Krischkowsky, Daniela Wurhofer, Elke Beck, Arno Laminger and Manfred Tscheligi. Gaining User Experience Patterns by Drawing from Science and Industry: A Combinatory Pattern Approach. *International Journal*

On Advances in Life Sciences 7, (2015), 145-157.

Alexander Mirnig, Alexander Meschtscherjakov, Nicole Perterer, Alina Krischkowsky, Daniela Wurhofer, Elke Beck, Arno Laminger and Manfred Tscheligi. User Experience Patterns from Scientific and Industry Knowledge: An Inclusive Pattern Approach. In *7th International Conferences on Pervasive Patterns and Applications* (2015), 38-44.

Alexander G. Mirnig, Alexander Meschtscherjakov, Daniela Wurhofer, Thomas Meneweger and Manfred Tscheligi. A Formal Analysis of the ISO 9241-210 Definition of User Experience. In *Proceedings of the 33rd Annual ACM Conference Extended Abstracts on Human Factors in Computing Systems* (2015), 437-450.

Nicole Mirnig, Manuel Giuliani, Gerald Stollnberger, Susanne Stadler, Roland Buchner and Manfred Tscheligi. Impact of Robot Actions on Social Signals and Reaction Times in HRI Error Situations. In *Social Robotics*, vol. 9388 (2015), 461-471.

Christiane Moser and Manfred Tscheligi. Physics-based gaming: exploring touch vs. mid-air gesture input. In *Proceedings of the 14th International Conference on Interaction Design and Children* (2015), 291-294.

Christiane Moser, Thomas Kargl, Manfred Tscheligi, Bernhard Feldbacher, Bernhard Collini Nocker, Matteo Harutunian, Fabian Schiller, Michael Eitelberg, Nasser Altaani, Manuel Eisele and Philipp Osl. GeTVivid: A TV Platform for P2P Support Exchange. In *Extended Abstract Proceedings of the ACM International Conference on Interactive Experiences for TV and Online Video* (2015).

Christiane Moser, Alina Krischkowsky, Katja Neureiter and Manfred Tscheligi. Mediating Informal Care Online: Findings from an Extensive Requirements Analysis. *Interaction Design and Architecture (s) Journal* 24, (2015), 33-48.

Christiane Moser, Michaela Peterhansl, Thomas Kargl and Manfred Tscheligi. The Potentials of Gamification to Motivate Older Adults to Participate in a P2P Support Exchange Platform. In *Proceedings of the 2015 Annual Symposium on Computer-Human Interaction in Play* (2015), 655-660.

Martin Murer, Verena Fuchsberger and Manfred Tscheligi. Deconstructivist Interaction Design: Interrogating Expression and Form. In *Proceedings of The Fifth Decennial Aarhus Conference on Critical Alternatives* (2015), 33-36.

Martin Murer, Verena Fuchsberger and Manfred Tscheligi. Designerly Knowledge and Knowledgable Designs: IxD Styles as Intermediary Forms of Knowing. In *Workshop "Knowledge Production in Interaction Design" at CHI'15* (2015).

Martin Murer, Bernhard Maurer, Hermann Huber, Ilhan Aslan and Manfred Tscheligi. TorqueScreen: Actuated Flywheels for Ungrounded Kinaesthetic Feedback in Handheld Devices. In *Proceedings of the Ninth International Conference on Tangible, Embedded, and Embodied Interaction* (2015), 161-164.

Martin Murer, Alexander Meschtscherjakov, Verena Fuchsberger, Manuel Giuliani, Katja Neureiter, Christiane Moser, Ilhan Aslan and Manfred Tscheligi. Contextual Interaction Design Research: Enabling HCI. In *Human-Computer Interaction - INTERACT 2015 - 15th IFIP TC 13 International Conference, Bamberg, Germany, September 14-18, 2015, Proceedings, Part IV* (2015), 621-623.

Martin Murer, Anna Vallgård, Mattias Jacobsson and Manfred Tscheligi. Un-Crafting: Exploring Tangible Practices for Deconstruction in Interactive System Design. In *Proceedings of the Ninth International Conference on Tangible, Embedded, and Embodied Interaction* (2015), 469-472.

Evangelos Niforatos, Evangelos Karapanos, Marc Langheinrich, Daniela Wurhofer, Alina Krischkowsky, Marianna Obrist and Manfred Tscheligi. eMotion: Retrospective In-car User Experience Evaluation. In *Adjunct Proceedings of the 7th International Conference on Automotive User Interfaces and Interactive Vehicular Applications* (2015), 118-123.

Nicole Perterer, Alexander Meschtscherjakov and Manfred Tscheligi. Co-Navigator: An Advanced Navigation System for Front-seat Passengers. In *Proceedings of the 7th International Conference on Automotive User Interfaces and Interactive Vehicular Applications* (2015), 187-194.

Sandra Trösterer, Magdalena Gärtner, Martin Wuchse, Bernhard Maurer, Axel Baumgartner, Alexander Meschtscherjakov and Manfred Tscheligi. Four Eyes See More Than Two: Shared Gaze in the Car. In *Proceedings of Interact 2015* (2015).

Sandra Trösterer, Martin Wuchse, Axel Baumgartner, Bernhard Maurer, Magdalena Gärtner, Alexander Meschtscherjakov and Manfred Tscheligi. LCTNav: A Method for Investigating Collaborative Navigation. In *Adjunct Proceedings of the 7th International Conference on Automotive User Interfaces and Interactive Vehicular Applications* (2015), 124-129.

Sandra Trösterer, Martin Wuchse, Christine Döttlinger, Alexander Meschtscherjakov and Manfred Tscheligi. Light My Way: Visualizing Shared Gaze in the Car. In *Proceedings of the 7th International Conference on Automotive User Interfaces and Interactive Vehicular Applications* (2015), 196-203.

Astrid Weiss, Alexander Meschtscherjakov, Roland Buchner, Ewald Strasser, Patricia M. Kluckner, Sebastian Osswald, Nicole Mirnig, David Wilfinger, Nicole Perterer, Petra Sundstroem, Arno Laminger and Manfred Tscheligi. *Designing Socially Embedded Technologies in the Real-World.*, 2015, ch. Exploring Challenging Environments: Contextual Research in the Car and the Factory Through an HCI Lens, 271-304.

Astrid Weiss, Nicole Mirnig, Ulrike Bruckenberger, Ewald Strasser, Manfred Tscheligi, Dirk Wollherr and Bartłomiej Stanczyk. The Interactive Urban Robot: User-centered development and final field trial of a direction requesting robot. *Paladyn, Journal of Behavioral Robotics* 6, (2015).

Daniela Wurhofer, Verena Fuchsberger, Thomas Meneweger, Christiane Moser and Manfred Tscheligi. *Human Work Interaction Design. Work Analysis and Interaction Design Methods for Pervasive and Smart Workplaces.*, 2015, ch. Insights from User Experience Research in the Factory: What to Consider in Interaction Design, 39-56.

Daniela Wurhofer, Verena Fuchsberger, Thomas Meneweger, Christiane Moser and Manfred Tscheligi. Insights from UX Research in the Factory: What to Consider in Interaction Design. In *Proceedings of Human Work Interaction Design* (2015).

Daniela Wurhofer, Alina Krischkowsky, Marianna Obrist, Evangelos Karapanos, Evangelos Niforatos and Manfred Tscheligi. Everyday Commuting: Prediction, Actual Experience and Recall of Anger and Frustration in the Car. In *Proceedings of the 7th International Conference on Automotive User Interfaces and Interactive Vehicular Applications* (2015), 233-240.

Daniela Wurhofer, Thomas Meneweger, Verena Fuchsberger and Manfred Tscheligi. Deploying Robots in a Production Environment: A Study on Temporal Transitions of Workers' Experiences. In *Proceedings of INTERACT 2015* (2015), 203-220.

2014

Ilhan Aslan, Andreas Uhl, Alexander Meschtscherjakov and Manfred Tscheligi. Mid-air Authentication Gestures: An Exploration of Authentication Based on Palm and Finger Motions. In *Proceedings of the 16th International Conference on Multimodal Interaction* (2014), 311-318.

Elke Beck, Christiane Moser and Manfred Tscheligi. Memoing and Lenses: Two Approaches for Exploring Player-Generated Game Ideas in Videos. In *Proceedings of the 11th International Conference on Advances in Computer Entertainment Technology* (2014).

Elke Beck, Sandra Trösterer, Alexander Mirnig and Manfred Tscheligi. *Secure and Trustworthy Service Composition*, vol. 8900. , 2014, ch. Characteristics and Addressed Challenges in Evaluating the Aniketos Project Outcome.

Verena Fuchsberger, Martin Murer, Ilhan Aslan, Alexander Meschtscherjakov, Manfred Tscheligi, Petra Sundström and Daniela Petrelli. Contextual Constraints: Consequences for Interaction Design. In *Proceedings of the 2014 Companion Publication on Designing Interactive Systems* (2014), 227-230.

Verena Fuchsberger, Martin Murer, Thomas Meneweger and Manfred Tscheligi. Capturing the In Between of Interactive Artifacts and Users: A Materiality-Centered Approach. In *NordiCHI '14: The 8th Nordic Conference on Human-Computer Interaction Proceedings* (2014), 451-460.

Verena Fuchsberger, Martin Murer and Manfred Tscheligi. Human-computer Non-interaction: The Activity of Non-use. In *Proceedings of the 2014 Companion Publication on Designing Interactive Systems* (2014), 57-60.

Verena Fuchsberger, Martin Murer, Daniela Wurhofer, Thomas Meneweger, Katja Neureiter, Alexander Meschtscherjakov and Manfred Tscheligi. The Multiple Layers of Materiality. In *Proceedings of the 2014 Companion Publication on Designing Interactive Systems* (2014), 73-76.

Magdalena Gärtner, Alexander Meschtscherjakov, Bernhard Maurer, David Wilfinger and Manfred Tscheligi. "Dad, stop crashing my car!": Making Use of Probing to Inspire the Design of Future In-Car Interfaces. In *AutomotiveUI '14: Proceedings of the 6th International Conference on Automotive User Interfaces and Interactive Vehicular Applications* (2014).

Manuel Giuliani, Thomas Marschall and Manfred Tscheligi. Applying Topic Recognition to Spoken Language in Human-Robot Interaction Dialogues. In *Proceedings of the 2014 Workshop on Multimodal, Multi-Party, Real-World Human-Robot Interaction at ICMI 2014* (2014), 27-28.

Alina Krischkowsky, Verena Fuchsberger and Manfred Tscheligi. Revisiting Corporate Social Media: Challenges and Implications from a Long-Term Study. In *ACM Conference on Supporting Groupwork, GROUP'14* (2014).

Bernhard Maurer, Axel Baumgartner, Ilhan Aslan, Alexander Meschtscherjakov, David Wilfinger, Martin Murer and Manfred Tscheligi. CarTeam: The car as a collaborative tangible game controller. In *Adjunct Proceedings of the 8th International Conference on Tangible, Embedded and Embodied Interaction* (2014).

Bernhard Maurer, Sandra Trösterer, Magdalena Gärtner, Martin Wuchse, Axel Baumgartner, Alexander Meschtscherjakov, David Wilfinger and Manfred Tscheligi. Shared Gaze in the Car: Towards a Better Driver-Passenger Collaboration. In *AutomotiveUI '14: Proceedings of the 6th International Conference on Automotive User Interfaces and Interactive Vehicular Applications* (2014).

Thomas Meneweger, Daniela Wurhofer, Marianna Obrist, Elke Beck and Manfred Tscheligi. Characteristics of Narrative Textual Data Linked to User Experiences. In *CHI '14 Extended Abstracts on Human Factors in Computing Systems* (2014), 2605-2610.

Alexander Meschtscherjakov, Verena Fuchsberger, Martin Murer, Manfred Tscheligi, Alexandra Millonig and Boris Roderick;de Ruyter McCall. Workshop on Persuasive Technologies in Challenging Contexts. In *Persuasive '14: The 9th International Conference on Persuasive Technology* (2014).

Alexander Meschtscherjakov, Magdalena Gärtner and Manfred Tscheligi. The Younger Me: Utilizing Past Behavior Changes to Inform Personalized Persuasive Strategies. In *Workshop "Personalizing Behavior Change Technologies" at CHI'14* (2014).

Alexander Meschtscherjakov, Manfred Tscheligi, Jaap Ham and Boris de Ruyter. Workshop: Ambient Persuasion. In *European Conference on Ambient Intelligence, AmI 2014* (2014).

Alexander Meschtscherjakov, Manfred Tscheligi, Dalila Szostak, Rabindra Ratan, Roderick McCall, Ioannis Politis and Sven Krome. Workshop on User Experience of Autonomous Driving. In *AutomotiveUI '14: 6th International Conference on Automotive User Interfaces and Interactive Vehicular Applications* (2014).

Alexander Meschtscherjakov, David Wilfinger, Martin Murer, Sebastian Osswald and Manfred Tscheligi. Hands-on-the-Wheel: Exploring the Design Space on the Back Side of a Steering Wheel. In *Ambient Intelligence* (2014), 299-314.

Alexander Meschtscherjakov, David Wilfinger and Manfred Tscheligi. Mobile Attachment - Causes and Consequences for Emotional Bonding with Mobile Phones. In *Proceedings of the SIGCHI Conference on Human Factors in Computing Systems* (2014).

Alexander Mirnig and Manfred Tscheligi. Building a General Pattern Framework via Set Theory: Towards a universal pattern approach. In *PATTERNS 2014, The Sixth International Conferences on Pervasive Patterns and Applications* (2014).

Alexander Mirnig, Sandra Trösterer, Elke Beck and Manfred Tscheligi. To Trust or Not to Trust. In *Human-Centered Software Engineering* (2014), 164-181.

Nicole Mirnig and Manfred Tscheligi. *Robots that Talk and Listen. Technology and Social Impact.* , 2014, ch. Comprehension, Coherence and Consistency: Essentials of Robot Feedback, 149-171.

Nicole Mirnig, Ewald Strasser, Astrid Weiss, Barbara Kühnlenz, Dirk Wollherr and Manfred Tscheligi. Can You Read My Face? A Methodological Variation for Assessing Facial Expressions of Robotic Heads. *International Journal of Social Robotics* 6, (2014), 14.

Nicole Mirnig, Yeow K. Tan, Tai W Chang, Yuan W. Chua, Tran A. Dung, Haizhou Li and Manfred Tscheligi. Screen Feedback in Human-Robot Interaction: How to Enhance Robot

- Expressiveness. In *Proceedings of the 23rd IEEE International Symposium on Robot and Human Interactive Communication* (2014), 224-230.
- Christiane Moser, Yoram Chisik and Manfred Tscheligi. Around the World in 8 Workshops: Investigating Anticipated Player Experiences of Children. In *Proceedings of the First ACM SIGCHI Annual Symposium on Computer-human Interaction in Play* (2014), 207-216.
- Christiane Moser, Verena Fuchsberger and Manfred Tscheligi. ViA - Values in Action within Healthcare. In *Workshop "HCI Research in Healthcare: Using Theory from Evidence to Practice" at CHI2014* (2014).
- Christiane Moser, Manfred Tscheligi, Manuel Eisele and Philipp Osl. Value Proposition meets Values in Action (ViA). In *AAL Forum 2014* (2014).
- Christiane Moser, Manfred Tscheligi, Mark Magnusson and Florian Mueller. Game Idea Jam for Sport and Exertion Games. In *Proceedings of the 1st SIGCHI Annual Symposium on Computer Human Interaction in Play* (2014), 461-464.
- Christiane Moser, Manfred Tscheligi, Bieke Zaman, Vero V. Abeele, Luc Geurts, Mieke Vandewaetere, Panos Markopoulos and Peta Wyeth. Editorial: Learning from failures in game design for children. *International Journal of Child-Computer Interaction* (2014).
- Martin Murer, Verena Fuchsberger and Manfred Tscheligi. Staged Inquiries: Studying Contextual Interaction through Industrial Showcasing. In *Workshop "Human Work Interaction Design for Pervasive and Smart Workplaces" at NordiChi'14* (2014).
- Martin Murer, Verena Fuchsberger and Manfred Tscheligi. Un-Crafting: Creativity and Ideation through Interactive Artifact Teardown. In *Workshop "Environments for creative interaction design processes" at DIS'14* (2014).
- Katja Neureiter, Clement Leemans and Manfred Tscheligi. ProMe: A Theoretical Framing for online Mentoring. In *AAL Forum 2014* (2014).
- Katja Neureiter, Christiane Moser and Manfred Tscheligi. Look into my eyes, you will see, what you mean to me. In *6th International Conference of Social Informatics* (2014).
- Katja Neureiter, Christiane Moser and Manfred Tscheligi. Presence as influencing Factor for Social Capital. In *Proceedings of the Presence Conference* (2014).
- Bastian Pfleging, Stefan Schneegass, Alexander Meschtscherjakov and Manfred Tscheligi. Experience Maps: Experience-Enhanced Routes for Car Navigation. In *Adjunct Proceedings of the 6th International Conference on Automotive User Interfaces and Interactive Vehicular Applications* (2014), 1-6.
- Birgit Ratzer, Astrid Weiss, Barbara Weixelbaumer, Nicole Mirnig, Manfred Tscheligi, David Raneburger, Roman Popp and Jürgen Falb. Bringing Gender into Technology: A Case Study in User-Interface-Design and the Perspective of Gender Experts. *International Journal of Gender, Science and Technology* 6, (2014), 3-24.
- Christina Rödel, Susanne Stadler, Alexander Meschtscherjakov and Manfred Tscheligi. Towards Autonomous Cars: The Effect of Autonomy Levels on Acceptance and User Experience. In *Proceedings of the 6th International Conference on Automotive User Interfaces and Interactive Vehicular Applications* (2014), 11.

Susanne Stadler, Astrid Weiss and Manfred Tscheligi. I Trained this Robot: The Impact of Pre Experience and Execution Behavior on Robot Teachers. In *23rd IEEE International Symposium on Robot and Human Interactive Communication* (2014).

Gerald Stollnberger, Christiane Moser, Elke Beck, Cornelia Zenz, Manfred Tscheligi, Dorota Szczesniak-Stanczyk, Marcin Janowski, Wojciech Brzozowski, Regina L. Blaszczyk, Micha? Mazur and Mariusz Wysokinski. Robotic Systems in Health Care. In *Proceedings of the 7th International Conference on Human System Interaction* (2014), 276-281.

Gerald Stollnberger, Christiane Moser, Cornelia Zenz, Manfred Tscheligi, Dorota Szczesniak Stanczyk, Marcin Janowski, Wojciech Brzozowski and Andrzej Wysokinski. Capturing Expected User Experience of Robotic Systems in the Health Care Sector. In *Proceedings of the ARW2014* (2014), 42-46.

Petra Sundström, Axel Baumgartner, Elke Beck, Christine Döttlinger, Martin Murer, Ivana Randelshofer, David Wilfinger, Alexander Meschtscherjakov and Manfred Tscheligi. Gaming to Sit Safe: The Restricted Body As an Integral Part of Gameplay. In *Proceedings of the 2014 Conference on Designing Interactive Systems* (2014), 715-724.

Sandra Trösterer, David Wilfinger, Alexander Meschtscherjakov and Manfred Tscheligi. Eye Tracking in the Car: Challenges in a Dual-Task Scenario on a Test Track. In *AutomotiveUI '14: 6th International Conference on Automotive User Interfaces and Interactive Vehicular Applications* (2014).

Sandra Trösterer, Daniela Wurhofer, Christina Rödel and Manfred Tscheligi. Using a Parking Assist System Over Time: Insights on Acceptance and Experiences. In *AUI '14 Proceedings of the 6th International Conference on Automotive User Interfaces and Interactive Vehicular Applications* (2014).

Manfred Tscheligi, Ulrich Bueker, Wendy Ju and Bernhard Sendhoff. Panel "Toward 2020: Human Interaction with Autonomous Vehicles". In *9th ACM/IEEE International Conference on Human-Robot Interaction* (2014).

Manfred Tscheligi, Alina Krischkowsky, Katja Neureiter, Kori Inkpen, Michael Muller and Gunnar Stevens. Potentials of the "Unexpected": Technology Appropriation Practices and Communication Needs. In *Proceedings of the 18th ACM international conference on Supporting group work* (2014), 313-316.

David Wilfinger, Magdalena Gärtner, Alexander Meschtscherjakov and Manfred Tscheligi. Persuasion in the Car: Probing Potentials. In *PERSUASIVE 2014 Proceedings of the 9th International Conference on Persuasive Technology* (2014), 273-278.

Daniela Wurhofer, Roland Buchner and Manfred Tscheligi. Research in the Semiconductor Factory: Insights into Experiences and Contextual Influences. In *Proceedings of 7th International Conference on Human System Interaction (HSI)* (2014), 129-134.

2013

Achilleas Achilleos, Christos Mettouris, George A. Papadopoulos, Katja Neureiter, Claudia Rappold, Christiane Moser, Manfred Tscheligi, Lorant Vajda, Andras Tóth and Péter Hanák. The connected vitality system: Enhancing social presence for older adults. In *12th International Conference on Telecommunications (ConTEL)* (2013), 199-206.

Achilleas Achilleos, Christos Mettouris, George A. Papadopoulos, Katja Neureiter, Claudia Rappold, Christiane Moser, Manfred Tscheligi, Lorant Vajda, Andras Tóth, Péter Hanák, Omar Jimenez and Robbert Smit. Developing an effective social presence system for older adults: The Connected Vitality Network. In *Proceedings of the 35th International Conference on Information Technology Interfaces (ITI 2013)* (2013), 153-159.

Ilhan Aslan, Martin Murer, Verena Fuchsberger, Andrew Fugard and Manfred Tscheligi. Drag and Drop the Apple: The Semantic Weight of Words and Images in Touch-based Interaction. In *Proceedings of the 7th International Conference on Tangible, Embedded and Embodied Interaction* (2013), 159-166.

Ilhan Aslan, Martin Murer, Verena Fuchsberger, Andrew Fugard and Manfred Tscheligi. Workload on Your Fingertips: The Influence of Workload on Touch-based Drag and Drop. In *Proceedings of the 2013 ACM international conference on Interactive tabletops and surfaces* (2013), 417-420.

Ilhan Aslan, Martin Murer, Florian Primessnig, Christiane Moser and Manfred Tscheligi. The Digital Bookshelf: Decorating with Collections of Digital Books. In *Proceedings of the 2013 ACM conference on Pervasive and ubiquitous computing adjunct publication* (2013), 777-784.

Ilhan Aslan, Florian Primessnig, Martin Murer, Christiane Moser and Manfred Tscheligi. Inspirations from Honey Bees: Exploring Movement Measures for Dynamic Whole Body Gestures. In *Proceedings of the 2013 ACM international conference on Interactive tabletops and surfaces* (2013), 421-424.

Ulrike Bruckenberger, Astrid Weiss, Nicole Mirnig, Ewald Strasser, Susanne Stadler and Manfred Tscheligi. The Good, The Bad, The Weird: Audience Evaluation of a "Real" Robot in Relation to Science Fiction and Mass Media. In *Social Robotics*, vol. 8239 (2013), 301-310.

Roland Buchner, Patricia M. Kluckner, Astrid Weiss and Manfred Tscheligi. Assisting Maintainers in the Semiconductor Factory: Iterative Co-design of a Mobile Interface and a Situated Display. In *Proceedings of the 12th International Conference on Mobile and Ubiquitous Multimedia* (2013), 46:1-46:2.

Roland Buchner, Daniela Wurhofer, Astrid Weiss and Manfred Tscheligi. Robots in Time: How User Experience in Human-Robot Interaction Changes over Time. In *ICSR International Conference on Social Robotics* (2013).

Verena Fuchsberger, Roland Buchner, Ilhan Aslan and Manfred Tscheligi. Materials Enabling Cooperation, 2013.

Verena Fuchsberger, Martin Murer and Manfred Tscheligi. Materials, Materiality, and Media. In *Proceedings of the SIGCHI Conference on Human Factors in Computing Systems* (2013), 2853-2862.

Thomas Grill and Manfred Tscheligi. The ConWIZ protocol: A generic protocol for Wizard of Oz Simulations. In *EuroCast* (2013).

Patricia M. Kluckner, Roland Buchner, Astrid Weiss and Manfred Tscheligi. Collaborative reporting tools: An analysis of maintenance activities in a semiconductor factory. In *Collaboration Technologies and Systems (CTS)* (2013), 508-515.

Patricia M. Kluckner, Astrid Weiss, Johann Schrammel and Manfred Tscheligi. *Ambient Intelligence*. , 2013, ch. Exploring Persuasion in the Home: Results of a Long-Term Study on Energy Consumption Behavior, 150-165.

Patricia M. Kluckner, Astrid Weiss and Manfred Tscheligi. Where to Place my Ambient Persuasive Display? Insights from a Six-Month Study. *The 8th International Conference on Persuasive Technology* (2013).

Alina Krischkowsky, Astrid Weiss, Sebastian Osswald and Manfred Tscheligi. Enhancing Company Communication: The Case of a Social Media Platform. In *Proceedings of the SIGCHI Conference on Human Factors in Computing Systems (CHI2013)* (2013).

Alina Krischkowsky, Astrid Weiss, Sebastian Osswald and Manfred Tscheligi. Evaluating a social media platform in a large-scale international company: A five action approach. In *International Conference on Collaboration Technologies and Systems (CTS) 2013* (2013), 99-106.

Alina Krischkowsky, Daniela Wurhofer, Nicole Perterer and Manfred Tscheligi. Developing Patterns Step-by-Step: A Pattern Generation Guidance for HCI Researchers. In *PATTERNS 2013, The Fifth International Conferences on Pervasive Patterns and Applications* (2013), 66-72.

Bernhard Maurer, Axel Baumgartner, David Wilfinger, Martin Murer and Manfred Tscheligi. The Car as a Game Controller: Enhanced Collaboration through a Game Setting based on Car Data. In *Workshop "Entertainment Technology in Transportation against Frustration, Aggression and Irrationality" at MobileHCI 2013* (2013).

Thomas Meneweger, David Wilfinger, Ilhan Aslan, Doris Zachhuber and Manfred Tscheligi. Towards the Counter Free Store: Requirements for Mobile Sales Assistants. In *Proceedings of the 2013 ACM conference on Pervasive and ubiquitous computing adjunct publication* (2013), 999-1006.

Alexander Meschtscherjakov, Christine Gschwendtner, Manfred Tscheligi and Petra Sundström. Co-designing for NFC and ATMs: An Inspirational Bits Approach. In *Proceedings of the 15th International Conference on Human-computer Interaction with Mobile Devices and Services* (2013), 422-427.

Alexander Meschtscherjakov, Sandra Trösterer, Christine Döttlinger, David Wilfinger and Manfred Tscheligi. Computerized Experience Sampling in the Car: Issues and Challenges. In *Proceedings of the 5th International Conference on Automotive User Interfaces and Interactive Vehicular Applications* (2013), 220-223.

Alexander Mirnig and Manfred Tscheligi. Bending the Rules ... and why it might not always be a bad thing [abstract]. *SOPhiA 2013* (2013).

Alexander Mirnig, Sandra Trösterer, Elke Beck and Manfred Tscheligi. Can we afford to remain apathetic towards security apathy? In *Workshop on Risk Perception in IT Security and Privacy at SOUPS 2013* (2013).

Nicole Mirnig and Manfred Tscheligi. Comprehension, Coherence, Consistency - Human-Robot Interaction for the Real World. In *Proceedings of IEEE International Conference on Robotics and Automation* (2013), Workshop proceedings.

Nicole Mirnig, Yeow K. Tan, Boon S. Han, Haizhou Li and Manfred Tscheligi. Screen Feedback: How to Overcome the Expressive Limitations of a Social Robot. In *Proceedings of the 22nd*

IEEE International Symposium on Robot and Human Interactive Communication (2013), 348-349.

Nicole Mirnig, Astrid Weiss, Gabriel Skantze, Samer Al Moubayed, Joakim Gustafson, Jonas Beskow, Björn Granström and Manfred Tscheligi. Face-to-Face With a Robot: What do we actually talk about? *International Journal of Humanoid Robots 10*, (2013), 23.

Christiane Moser and Manfred Tscheligi. Playful Taste Interaction. In *Proceedings of the 12th International Conference on Interaction Design and Children* (2013), 340-343.

Christiane Moser, Manfred Tscheligi, Bieke Zaman, Vero Vanden Abeele, Luc Geurts, Mieke Vandewaetere, Panos Markopoulos, Peta Wyeth and Jörg Hofstätter. Let's Talk About Failures: Why Was the Game for Children Not a Success? In *CHI '13 Extended Abstracts on Human Factors in Computing Systems* (2013), 3199-3202.

Martin Murer, Ilhan Aslan and Manfred Tscheligi. LOLLio: Exploring Taste As Playful Modality. In *Proceedings of the 7th International Conference on Tangible, Embedded and Embodied Interaction* (2013), 299-302.

Martin Murer, David Wilfinger and Manfred Tscheligi. Taking Reality for a Drive in the Lab: The Makeup of a Mockup for Automotive HMI Research. In *Adjunct Proceedings of the 5th International Conference on Automotive User Interfaces and Interactive Vehicular Applications* (2013).

Katja Neureiter, Alina Krischkowsky, Verena Fuchsberger and Manfred Tscheligi. Supporting Community Building through VMC systems, 2013.

Katja Neureiter, Christiane Moser, Manfred Tscheligi and Robbert Smit. Fostering closeness and connectedness over distance. In *AAL Forum 2013* (2013).

Katja Neureiter, Martin Murer, Verena Fuchsberger and Manfred Tscheligi. Hand and Eyes: How Eye Contact is Linked to Gestures in Video Conferencing. In *CHI '13 Extended Abstracts on Human Factors in Computing Systems* (2013), 127-132.

Marianna Obrist, Daniela Wurhofer, Alina Krischkowsky, Evangelos Karapanos, David H. Wilfinger, Nicole Perterer and Manfred Tscheligi. Experiential Perspectives on Road Congestions. In *CHI '13 Extended Abstracts on Human Factors in Computing Systems* (2013), 535-540.

Marianna Obrist, Daniela Wurhofer, Thomas Meneweger, Thomas Grill and Manfred Tscheligi. Viewing experience of 3DTV: An exploration of the feeling of sickness and presence in a shopping mall. *Entertainment Computing 4*, (2013), 71-81.

Sebastian Osswald, Pratik Sheth and Manfred Tscheligi. Hardware-in-the-loop-based Evaluation Platform for Automotive Instrument Cluster Development (EPIC). In *Proceedings of the 5th ACM SIGCHI Symposium on Engineering Interactive Computing Systems* (2013), 323-332.

Sebastian Osswald, Petra Sundström and Manfred Tscheligi. The Front Seat Passenger: How to Transfer Qualitative Findings into Design. *International Journal of Vehicular Technology 13*, (2013), 14.

Nicole Perterer, Petra Sundström, Alexander Meschtscherjakov, David Wilfinger and Manfred Tscheligi. Come Drive with Me: An Ethnographic Study of Driver-Passenger Pairs to Inform Future In-Car Assistance. In *Proceedings of the ACM 2013 conference on Computer Supported*

Cooperative Work Companion (2013), 1539-1548.

Nicole Perterer, David Wilfinger and Manfred Tscheligi. Safety through Collaboration: A New Challenge for Automotive User Interface Design. In *Adjunct Proceedings of the 5th workshop on "Better safe than sorry: Collaboration in Safety-Critical Environments" at the CSCW* (2013).

David Raneburger, Roman Popp, Jürgen Falb, Barbara Weixelbaumer, Nicole Mirnig, Astrid Weiss, Manfred Tscheligi and Birgit Ratzler. A Case Study in Automated GUI Generation for Multiple Devices. In *Proceedings of the 11th IEEE AFRICON Conference* (2013).

Susanne Stadler, Astrid Weiss, Nicole Mirnig and Manfred Tscheligi. Anthropomorphism in the Factory - A Paradigm Change? In *HRI '13: Proceedings of the 8th ACM/IEEE International Conference on Human Robot Interaction* (2013).

Gerald Stollnberger, Astrid Weiss and Manfred Tscheligi. "The harder it gets" : Exploring the Interdependency of Input Modalities and Task Complexity in Human-Robot Collaboration. In *Proceedings of the 22nd IEEE International Symposium on Robot and Human Interactive Communication (RO-MAN)* (2013), 264-269.

Gerald Stollnberger, Astrid Weiss and Manfred Tscheligi. Input Modality and Task Complexity: Do they Relate? In *HRI '13: Proceedings of the 8th ACM/IEEE International Conference on Human Robot Interaction* (2013), 233-234.

Ewald Strasser, Astrid Weiss, Roland Buchner and Manfred Tscheligi. Alert in the Cleanroom: Testing Alerting Modalities for a Task Guiding Interface. In *CHI '13 Extended Abstracts on Human Factors in Computing Systems* (2013), 661-666.

Ewald Strasser, Astrid Weiss and Manfred Tscheligi. Measuring "Implicit" Emotions with a Combination of Pupillometry and Priming.

Sandra Trösterer, Alexander Mirnig, Elke Beck and Manfred Tscheligi. No Choice, No Trust? In *Workshop "A Turn for the Worse: Trustbusters for User Interfaces Workshop" at SOUPS 2013* (2013).

Manfred Tscheligi, David Wilfinger, Alexander Meschtscherjakov, Carlos Montesinos, Roderick McCall, Dalila Szostak, Rabindra Ratan and Adrienne Muir. Workshop: Exploring the User Experience of Autonomous Driving Workshop. In *Adjunct Proceedings of the 5th International Conference on Automotive User Interfaces and Interactive Vehicular Applications* (2013).

Lorant Vajda, Andras Tóth, Péter Hanák, Achilleas Achilleos, Christos Mettouris, George A. Papadopoulos, Katja Neureiter, Claudia Rappold, Christiane Moser, Manfred Tscheligi, Omar Jimenez and Robbert Smit. A health-based use case of the Connected Vitality project: the Yoom in the sterile room. In *eGeH'13 e-government & e-health* (2013).

David Wilfinger, Alexander Meschtscherjakov, Christiane Moser, Manfred Tscheligi, Petra Sundström, Dalila Szostak and Roderick McCall. Computer Entertainment in Cars and Transportation. In *Advances in Computer Entertainment* (2013), 653-655.

David Wilfinger, Alexander Meschtscherjakov, Nicole Perterer, Martin Murer, Arno Laminger and Manfred Tscheligi. Automotive HMI Test Package: An Exploitable Approach to Study In-car HMIs. In *CHI '13 Extended Abstracts on Human Factors in Computing Systems* (2013), 2377-2380.

David Wilfinger, Alexander Meschtscherjakov, Nicole Perterer, Sebastian Osswald and Manfred Tscheligi. Passagier-Computer-Interaktion. In *Proceedings of the Mensch und Computer* (2013).

David Wilfinger, Alexander Meschtscherjakov and Manfred Tscheligi. Aktive Ecken: Kooperative Touchscreen Interaktion im Auto (Active Corners: Collaborative Touchscreen Interaction in the Car). In *Workshop "Automotive HMI" at Mensch und Computer 2013* (2013).

David Wilfinger, Alexander Meschtscherjakov, Manfred Tscheligi, Petra Sundström, Dalila Szostak and Roderick McCall. Entertainment Technology in Transportation Against Frustration, Aggression and Irrationality. In *Proceedings of the 15th international conference on Human computer interaction with mobile devices and services* (2013), 622-625.

David Wilfinger, Martin Murer, Axel Baumgartner, Christine Döttlinger, Alexander Meschtscherjakov and Manfred Tscheligi. The Car Data Toolkit: Smartphone Supported Automotive HCI Research. In *Proceedings of the 5th International Conference on Automotive User Interfaces and Interactive Vehicular Applications* (2013), 168-175.

David Wilfinger, Martin Murer, Sebastian Osswald, Alexander Meschtscherjakov and Manfred Tscheligi. The Wheels Are Turning: Content Rotation on Steering Wheel Displays. In *Proceedings of the SIGCHI Conference on Human Factors in Computing Systems* (2013), 1809-1812.

David Wilfinger, Nicole Perterer, Arno Laminger, Alexander Meschtscherjakov and Manfred Tscheligi. Measuring Sound Experience with In-Vehicle Speaker Systems. In *4th International Workshop on Perceptual Quality of Systems* (2013).

Daniela Wurhofer, Alina Krischkowsky and Manfred Tscheligi. Studying Congestion Experiences of Commuters. In *Workshop "Entertainment Technology in Transportation against Frustration, Aggression and Irrationality" at MobileHCI 2013* (2013).

2012

Samer Al Moubayed, Jonas Beskow, Björn Granström, Joakim Gustafson, Nicole Mirnig, Gabriel Skantze and Manfred Tscheligi. Furhat goes to Robotville: A large-scale multiparty human-robot interaction data collection in a public space. *Proceedings of the LREC Workshop on Multimodal Corpora* (2012), 22-25.

Roland Buchner, Nicole Mirnig, Astrid Weiss and Manfred Tscheligi. Evaluating in Real Life Robotic Environment - Bringing together Research and Practice. In *Proceedings of the 21st IEEE International Symposium on Robot and Human Interactive Communication* (2012), 602-607.

Roland Buchner, Daniela Wurhofer, Astrid Weiss and Manfred Tscheligi. User Experience of Industrial Robots over Time. In *Proceedings of the 7th ACM/IEEE international conference on Human-robot interaction* (2012), 115-116.

Verena Fuchsberger, Ilhan Aslan, Christiane Moser, Manfred Tscheligi, Walter Buchinger and Judy Kay. Workshop: How to design touch interfaces for and with older adults: identification of challenges and opportunities. In *NordiCHI2012: 7th Nordic Conference on Human-Computer Interaction: Making sense through design* (2012).

Verena Fuchsberger, Christiane Moser and Manfred Tscheligi. Hands-on Values: A Value-based Evaluation. In *Workshop "Values in Design" at CHI2012* (2012).

Verena Fuchsberger, Christiane Moser and Manfred Tscheligi. Values in Action (ViA): Combining Usability, User Experience and User Acceptance. In *Proceedings of the 2012 ACM annual conference extended abstracts on Human Factors in Computing Systems Extended Abstracts* (2012), 1793-1798.

Verena Fuchsberger, Julia Nebauer, Christiane Moser and Manfred Tscheligi. Design Challenges and Concept for Intergenerational Online Learning. In *Proceedings of the 11th International Conference on Interaction Design and Children* (2012), 192-195.

Verena Fuchsberger, Katja Neureiter, Christiane Moser, Manfred Tscheligi, Sabine Legrand, Marie L. Rovarino, Frauke Lettman, Margarita Anastassova and Fanny Le Morellec. Supporting older adults' indoor and outdoor wayfinding: Getting to know the user in terms of traveling and navigation. In *Proceedings of the AAL Forum 2012 Eindhoven* (2012).

Verena Fuchsberger, Wolfgang Sellner, Christiane Moser and Manfred Tscheligi. Benefits and hurdles for older adults in intergenerational online interactions. In *Proceedings of the 13th international conference on Computers Helping People with Special Needs - Volume Part I* (2012), 697-704.

Barbara Gonsior, Christian Landsiedel, Nicole Mirnig, Stefan Sosnowski, Ewald Strasser, Martin Buss, Kolja Kühnlenz, Manfred Tscheligi, Astrid Weiss, Dirk Wollherr and Jakub Z?otowski. Impacts of Multimodal Feedback on Efficiency of Proactive Information Retrieval from Task Related HRI. *Journal of Computational Intelligence and Intelligent Informatics (JACIII)* 16, (2012), 313-326.

Thomas Grill, Sebastian Osswald and Manfred Tscheligi. Task Complexity and User Model Attributes - An analysis of user model attributes for elderly drivers. In *Proceedings of the International Conference of Computers Helping People with Special Needs* (2012).

Thomas Grill, Ondre Polacek and Manfred Tscheligi. Methods Towards API Usability: A Structural Analysis of Usability Problem Categories. In *Proceedings of HCSE 2012* (2012).

Thomas Grill, Ondrej Polacek and Manfred Tscheligi. ConWIZ: A Tool Supporting Contextual Wizard of Oz Simulation. In *Proceedings of the 11th International Conference on Mobile and Ubiquitous Multimedia* (2012), 21:1-21:8.

Zahid Hasan, Alina Krischkowsky and Manfred Tscheligi. Modelling User-Centered-Trust (UCT) in Software Systems: Interplay of Trust, Affect and Acceptance Model. In *Trust and Trustworthy Computing* (2012), 92-109.

Christina Hochleitner, Sandra Trösterer, Trenton Schulz, Susen Döbelt, Elke Beck and Manfred Tscheligi. Workshop: User-Centered Trust in Interactive Systems. In *NordiCHI2012: 7th Nordic Conference on Human-Computer Interaction: Making sense through design* (2012).

Patricia M. Kluckner, Roland Buchner, Astrid Weiss and Manfred Tscheligi. Repair Now: Collaboration between Maintainers, Operators and Equipment in a Cleanroom. In *Proceedings of the ACM conference on computer supported cooperative work* (2012), 143-146.

Thomas Meneweger, Petra Sundström, Marianna Obrist and Manfred Tscheligi. How Designers Can Make Sense of Qualitative Research Findings: A Case Study. In *Proceedings of the 7th Nordic Conference on Human-Computer Interaction: Making Sense Through Design* (2012), 162-165.

Thomas Meneweger, Petra Sundström and Manfred Tscheligi. From a Typology to Design using Design Spaces and the Extreme Characters method. In *Workshop "The Message in the Bottle: Best Practices for Transferring the Knowledge from Qualitative User Studies" at DIS 2012* (2012).

Alexander Meschtscherjakov and Manfred Tscheligi. Attachment Theory as Contributor for an Emotional Attachment Model in UX Research. In *Workshop "Theories behind UX Research and How They Are Used in Practice" at CHI'11* (2012).

Alexander Meschtscherjakov, David Wilfinger, Sebastian Osswald, Nicole Perterer and Manfred Tscheligi. Trip experience sampling: assessing driver experience in the field. In *Proceedings of the 4th International Conference on Automotive User Interfaces and Interactive Vehicular Applications* (2012), 225-232.

Nicole Mirnig, Barbara Gonsior, Stefan Sosnowski, Christian Landsiedel, Dirk Wollherr, Astrid Weiss and Manfred Tscheligi. Feedback Guidelines for Multimodal Human-Robot Interaction: How Should a Robot Give Feedback When Asking for Directions? In *Proceedings of the 21st IEEE International Symposium on Robot and Human Interactive Communication* (2012), 533-538.

Nicole Mirnig, Ewald Strasser, Astrid Weiss and Manfred Tscheligi. Studies in Public Places as a Means to Positively Influence People's Attitude towards Robots. In *Proceedings of 4th International Conference on Social Robotics* (2012), 209-218.

Christiane Moser, Verena Fuchsberger, Ivana Müller, Manfred Tscheligi and Jörg Hofstätter. Workshop: Opportunities and Challenges when Designing and Developing Games with/for Kids. In *Fun and Games '12: 4th International Conference on Fun and Games* (2012).

Christiane Moser, Verena Fuchsberger, Katja Neureiter, Wolfgang Sellner and Manfred Tscheligi. Revisiting Personas: The Making-of for Special User Groups. In *CHI '12 Extended Abstracts on Human Factors in Computing Systems* (2012), 453-468.

Christiane Moser, Verena Fuchsberger and Manfred Tscheligi. A Value-based UX Evaluation. In *Workshop "Theories Behind UX Research and How They are Used in Practice" at CHI2012* (2012).

Christiane Moser, Verena Fuchsberger and Manfred Tscheligi. Child-Centered Game Development (CCGD): Developing Games with Children at School, 2012.

Christiane Moser, Verena Fuchsberger and Manfred Tscheligi. Rapid Assessment of Game Experiences in Public Settings. In *Proceedings of the 4th International Conference on Fun and Games* (2012), 73-82.

Ivana Müller, Petra Sundström, Martin Murer and Manfred Tscheligi. Gaming after dark: visual patterns and their significance for atmosphere and emotional experience in video games. In *Proceedings of the 11th international conference on Entertainment Computing* (2012), 16-29.

Martin Murer, David Wilfinger, Alexander Meschtscherjakov, Sebastian Osswald and Manfred Tscheligi. Exploring the Back of the Steering Wheel: Text Input with Hands on the Wheel and Eyes on the Road. In *Proceedings of the 4th International Conference on Automotive User Interfaces and Interactive Vehicular Applications* (2012), 117-120.

Katja Neureiter, Christiane Moser, Manfred Tscheligi, Achilleas Achilleos, Christos Mettouris, George A. Papadopoulos and Robbert Smit. Fostering social participation through social

presence. In *Proceedings of the AAL Forum 2012 Eindhoven* (2012).

Marianna Obrist, Daniela Wurhofer, Magdalena Gärtner, Florian Förster and Manfred Tscheligi. Exploring Children's 3DTV Experience. In *Proceedings of the 10th European conference on Interactive tv and video* (2012), 125-134.

Sebastian Osswald, Roland Buchner, Astrid Weiss and Manfred Tscheligi. Designing for the Factory: Wearable Experience Prototyping for Idea Communication. In *Extended Abstracts of the ACM Conference on Designing Interactive Systems* (2012).

Sebastian Osswald, Roland Buchner, Astrid Weiss and Manfred Tscheligi. Using Participatory Design to Investigate Technology Usage in the Cleanroom of a Semiconductor Factory. In *Workshop The Message in the Bottle: "Best Practices for Transferring the Knowledge from Qualitative User Studies" at DIS'12* (2012).

Sebastian Osswald, Alexander Meschtscherjakov, Nicole Mirnig, Karl-Armin Kraessig, David Wilfinger, Martin Murer and Manfred Tscheligi. Back of the Steering Wheel Interaction: The Car Braille Keyer. In *Ambient Intelligence: Third International Joint Conference, AmI 2012, Pisa, Italy, November 13-15, 2012. Proceedings* (2012), 49-64.

Sebastian Osswald, Petra Sundström and Manfred Tscheligi. The Passenger is not the Driver: A Case Study of Transferring Qualitative Research Findings into Design. In *DIS2012: Proceedings of the Conference on Designing Interactive Systems* (2012).

Sebastian Osswald, Daniela Wurhofer, Sandra Trösterer, Elke Beck and Manfred Tscheligi. Predicting Information Technology Usage in the Car: Towards a Car Technology Acceptance Model. In *Proceedings of the 4th International Conference on Automotive User Interfaces and Interactive Vehicular Applications* (2012), 51-58.

Nicole Perterer and Manfred Tscheligi. How to bring collaborative work into the car. In *Adjunct Proceedings of the 9th workshop on "Exploring collaboration in challenging environments: From the car to the factory and beyond" at the CSCW2012* (2012).

Nicole Perterer, Alexander Meschtscherjakov, David Wilfinger and Manfred Tscheligi. I Need Help!: Exploring Collaboration in the Car. In *Proceedings of the ACM 2012 Conference on Computer Supported Cooperative Work Companion* (2012), 87-90.

Nicole Perterer, Petra Sundström, David Wilfinger, Alexander Meschtscherjakov and Manfred Tscheligi. Social Activities In the Car: An Ethnographic Study of Driver-Passenger Pairs as Inspirations for Future "ACDAS". In *4th workshop on "The Social Car" or Socially-inspired C2X interaction at AutomotiveUI2012* (2012).

Ondre Polacek, Thomas Grill and Manfred Tscheligi. Towards a Navigation System for Blind People: A Wizard of Oz Study. *SIGACCESS Access. Comput.* (2012), 12-29.

Susanne Stadler, Nicole Mirnig, Astrid Weiss and Manfred Tscheligi. Feedback is like Cinderella! The important role of feedback when humans and robots are working together in the factory. In *Workshop "Feedback in HRI" at RO-MAN 2012* (2012).

Gerald Stollnberger, Astrid Weiss and Manfred Tscheligi. The effect of input modalities and different levels of task complexity on feedback perception in a human-robot collaboration task. In *Workshop "Feedback in HRI" at RO-MAN 2012* (2012).

Ewald Strasser, Astrid Weiss, Thomas Grill, Sebastian Osswald and Manfred Tscheligi. Combining Implicit and Explicit Methods for the Evaluation of an Ambient Persuasive Factory Display. In *AmI2012: Proceedings of the 6th European Conference on Ambient Intelligence* (2012), 113-128.

Ewald Strasser, Astrid Weiss and Manfred Tscheligi. Affect Misattribution Procedure: An Implicit Technique to Measure User Experience in HRI. In *Proceedings of the 7th ACM/IEEE international conference on Human-robot interaction* (2012).

Petra Sundström, Martin Murer, Christine Döttlinger, David Wilfinger, Alexander Meschtscherjakov, Elke Beck, Daniela Wurhofer and Manfred Tscheligi. A Design Exploration of Cars, Kids, Calmness and Gaming. In *Workshop "from Materials to Materiality" at CHI'12* (2012).

Petra Sundström, David Wilfinger, Alexander Meschtscherjakov, Manfred Tscheligi, Albrecht Schmidt and Oskar Juhlin. The Car As an Arena for Gaming. In *Proceedings of the 14th International Conference on Human-computer Interaction with Mobile Devices and Services Companion* (2012), 233-236.

Sandra Trösterer, Elke Beck, Fabiano Dalpiaz, Elda Paja, Paolo Giorgini and Manfred Tscheligi. Formative User-Centered Evaluation of Security Modeling: Results from a Case Study. *International Journal of Secure Software Engineering (IJSSE)* 3, (2012), 1-19.

Manfred Tscheligi. UX design for vehicles. *Tutorial at AutomotiveUI2012* (2012).

Manfred Tscheligi, Alexander Meschtscherjakov, Astrid Weiss, Volker Wulf, Vanessa Evers and Bilge Mutlu. Exploring Collaboration in Challenging Environments: From the Car to the Factory and Beyond. In *Proceedings of the ACM 2012 Conference on Computer Supported Cooperative Work Companion* (2012), 15-16.

Astrid Weiss and Manfred Tscheligi. *Believable Bots.*, 2012, ch. Rethinking the Human-Agent Relationship: Which Social Cues Do Interactive Agents Really Need to Have? 1-28.

Astrid Weiss, Regina Bernhaupt and Manfred Tscheligi. *New Frontiers in Human-Robot Interaction.*, 2012, ch. The USUS evaluation framework for user-centered HRI, 89-110.

Astrid Weiss, Patricia M. Kluckner, Roland Buchner and Manfred Tscheligi. Contextual Researches – Challenges and Approaches in the Factory Context. In *Workshop at CSCW 2012 - Exploring collaboration in challenging environments: From the car to the factory and beyond* (2012).

David Wilfinger, Alexander Meschtscherjakov, Nicole Perterer and Manfred Tscheligi. On the track: Comparing Distraction Caused by Interaction with Tertiary Interfaces with Cars on a Test Track. In *Workshop: Cognitive Load and In-Vehicle Human-Machine Interaction at AutomotiveUI2012* (2012).

David Wilfinger, Martin Murer and Manfred Tscheligi. Are 5 Buttons Enough: Destination Input on Touchscreen Keyboards. In *Proceedings of the 4th International Conference on Automotive User Interfaces and Interactive Vehicular Applications* (2012), 277-280.

Doris Zachhuber, Thomas Grill and Manfred Tscheligi. Contextual Wizard of Oz - A framework combining contextual rapid prototyping and the Wizard of Oz method. In *Proceedings of AMI 2012* (2012).

Jakub Z?otowski, Astrid Weiss and Manfred Tscheligi. Navigating in Public Space: Participants' Evaluation of a Robot's Approach Behavior. In *In HRI '12: Proceeding of the 5th ACM/IEEE international conference on Human-robot interaction (New York, NY, USA, 2012)*, ACM (2012), 283-284.

2011

Regina Bernhaupt, Michael M. Pirker, Astrid Weiss, David Wilfinger and Manfred Tscheligi. Security, Privacy, and Personalization: Informing Next-generation Interaction Concepts for Interactive TV Systems. *Comput. Entertain.* 9, (2011), 17:1-17:33.

Roland Buchner, Astrid Weiss and Manfred Tscheligi. Development of a context model based on video analysis. In *HRI '11: Proceeding of the 5th ACM/IEEE international conference on Human robot interaction* (2011), 117-118.

Martin Buss, Daniel Carton, Barbara Gonsior, Kolja Kühnlenz, Christian Landsiedel, Nikos Mitsou, Roderick de Nijs, Jakub Z?otowski, Stefan Sosnowski, Ewald Strasser, Manfred Tscheligi and Astrid Weiss. Towards proactive human-robot interaction in human environments. In *Cognitive Infocommunications (CogInfoCom), 2011 2nd International Conference on* (2011), 1-6.

Florian Förster, Astrid Weiss and Manfred Tscheligi. Anthropomorphic Design for an Interactive Urban Robot - the Right Design Approach? In *HRI '11: Proceeding of the 5th ACM/IEEE international conference on Human-robot interaction* (2011), 137-138.

Verena Fuchsberger, Christiane Moser and Manfred Tscheligi. Intergenerational Activities: Supporting the relationship between grandparents and grandchildren through online activities. In *Proceedings of the AAL Forum 2011 Lecce* (2011), 143-149.

Verena Fuchsberger, Martin Murer, David Wilfinger and Manfred Tscheligi. Attributes of Successful Intergenerational Online Activities. In *Proceedings of the 8th International Conference on Advances in Computer Entertainment Technology* (2011), 50:1-50:8.

Thomas Grill and Manfred Tscheligi. Towards a Multi-perspectival Approach of Describing Context. In *Proceedings of Context 11: 7th International and Interdisciplinary Conference* (2011), 115-118.

Thomas Grill and Manfred Tscheligi. Unifying contextual descriptions in patterns. In *Proceedings of the PUX 2011 Workshop (INTERACT 2011)*, vol. 43-50 (2011).

Alexander Meschtscherjakov and Manfred Tscheligi. Experience Sampling as Personal Informatics Tools for Persuasion. In *Workshop at CHI 2011: Personal informatics and HCI: design, theory, and social implications*. (2011).

Alexander Meschtscherjakov, Patricia M. Kluckner, Florian Pöhr, Wolfgang Reitberger, Astrid Weiss, Manfred Tscheligi, Karl H. Hohenwarther and Peter Osswald. Ambient Persuasion in the Factory: The Case of the Operator Guide. In *ASCM2011: 22nd annual IEEE/SEMI Advanced Semiconductor Manufacturing* (2011), 1-6.

Alexander Meschtscherjakov, Christiane Moser, Manfred Tscheligi and Erika Reponen. Mobile work efficiency: enhancing workflows with mobile devices. In *Proceedings of the 13th International Conference on Human Computer Interaction with Mobile Devices and Services*

(2011), 737-740.

Alexander Meschtscherjakov, David Wilfinger, Nicole Gridling, Katja Neureiter and Manfred Tscheligi. Capture the Car! Qualitative In-situ Methods to Grasp the Automotive Context. In *Proceedings of the 3rd International Conference on Automotive User Interfaces and Interactive Vehicular Applications* (2011), 105-112.

Nicole Mirnig, Barbara Gonsior, Dirk Wollherr, Astrid Weiss and Manfred Tscheligi. Feedback in Human-Robot Interaction: How to Display a Robot's Internal System Status. In *Proceedings of the 3rd International Conference on Social Robotics* (2011), adjunct proceedings.

Nicole Mirnig, Stefan Riegler, Astrid Weiss and Manfred Tscheligi. A case study on the effect of feedback on itinerary requests in human-robot interaction. In *Proceedings of the 20th IEEE International Symposium on Robot and Human Interactive Communication* (2011), 343-349.

Nicole Mirnig, Astrid Weiss and Manfred Tscheligi. A Communication Structure for Human Robot Itinerary Requests. In *Proceeding of the 5th ACM/IEEE International Conference on Human-Robot Interaction* (2011), 205-206.

Christiane Moser, Verena Fuchsberger, Katja Neureiter, Wolfgang Sellner and Manfred Tscheligi. Elderly's Social Presence Supported by ICTs: Investigating User Requirements for Social Presence. In *Privacy, security, risk and trust (passat), 2011 ieee third international conference on and 2011 ieee third international conference on social computing (socialcom)* (2011), 738-741.

Christiane Moser, Verena Fuchsberger and Manfred Tscheligi. Child-Centered Game Development. In *Workshop "Child Computer Interaction" at CHI2011* (2011).

Christiane Moser, Verena Fuchsberger and Manfred Tscheligi. Developing Games with Children at School, 2011.

Christiane Moser, Verena Fuchsberger and Manfred Tscheligi. Using Probes to Create Child Personas for Games. In *Proceedings of the 8th International Conference on Advances in Computer Entertainment Technology* (2011), 39:1-39:8.

Christiane Moser, Katja Neureiter, Verena Fuchsberger and Manfred Tscheligi. Designing Social Interaction and Social Presence, 2011.

Katja Neureiter, Alexander Meschtscherjakov, David Wilfinger and Manfred Tscheligi. Investigating the Usage of Multifunctional Rotary Knobs In the Center Stack with a Contextual Inquiry. In *Adjunct Proceedings of the 3rd International Conference on Automotive User Interfaces and Interactive Vehicular Applications* (2011), 19-20.

Marianna Obrist, Elke Beck, Daniela Wurhofer and Manfred Tscheligi. Experience Characters: A Design Tool for Communicating Mobile Phone Experiences to Designers. In *MobileHCI '11: Proceedings of the 13th international conference on Human computer interaction with mobile devices and services* (2011).

Marianna Obrist, Elke Beck, Daniela Wurhofer and Manfred Tscheligi. Hidden in the Text: Exploring User Experience for the Automotive Domain. In *EHCIDE2011: 1st European Workshop on HCI Design and Evaluation: The influence of domains* (2011).

Marianna Obrist, Florian Förster, Daniela Wurhofer, Manfred Tscheligi and Jörg Hofstätter.

Evaluating First Experiences with an Educational Computer Game: A multi-Method Approach. *Interaction Design and Architecture(s) Journal 11-12*, (2011), 26-36.

Marianna Obrist, Christiane Moser, Damien Alliez and Manfred Tscheligi. In-situ evaluation of users' first impressions on a unified electronic program guide concept. *Journal of Entertainment Computing 2*, (2011), 191-202.

Marianna Obrist, Christiane Moser, Verena Fuchsberger, Manfred Tscheligi, Panos Markopoulos and Jörg Hofstätter. Workshop: Opportunities and Challenges when Designing and Developing with Kids @ School, 2011.

Marianna Obrist, Wolfgang Reitberger, Daniela Wurhofer, Florian Förster and Manfred Tscheligi. User Experience Research in the Semiconductor Factory: A Contradiction? In *INTERACT 2011: Proceedings of the 13th IFIP TC13 Conference on Human-Computer Interaction*, vol. 144-151 (2011).

Marianna Obrist, Daniela Wurhofer, Elke Beck and Manfred Tscheligi. Experience Characters as Design Tool: An Attempt for the Automotive Context. In *Workshop Position Paper at CHI '11 conference on Human factors in computing systems* (2011).

Marianna Obrist, Daniela Wurhofer, Florian Förster, Thomas Meneweger, Thomas Grill, David Wilfinger and Manfred Tscheligi. Perceived 3DTV Viewing in the Public: Insights from a Three day Field Evaluation Study. In *Proceedings of the 9th international interactive conference on Interactive television* (2011), 167-176.

Sebastian Osswald and Manfred Tscheligi. Gas station probing: The front seat passenger. In *AUI'11: Adjunct Proceedings of the 3rd International Conference on Automotive User Interfaces and Interactive Vehicular Applications*, (2011).

Sebastian Osswald and Manfred Tscheligi. Tile Touch: gestures for remote in-car interaction. In *User Experience in Cars Workshop at the 13th IFIP TC13 Conference on Human-Computer Interaction, Interact'11* (2011).

Sebastian Osswald, Alexander Meschtscherjakov, David Wilfinger and Manfred Tscheligi. Interacting with the Steering Wheel: Potential Reductions in Driver Distraction. In *International Joint Conference on Ambient Intelligence, AmI2011* (2011).

Wolfgang Reitberger, Alexander Meschtscherjakov, Thomas Mirlacher and Manfred Tscheligi. *Pervasive Advertising Pervasive Advertising*. , 2011, ch. Ambient Persuasion in the Shopping Context.

Johann Schrammel, Cornelia Gredenitsch, Patricia M. Kluckner, Astrid Weiss and Manfred Tscheligi. FORE-Watch - The clock that tells you when to use: Persuading users to align their energy consumption with green power availability. In *AmI2011: Proceedings of the International Joint Conference on Ambient Intelligence, 2011* (2011), 157-166.

Manfred Tscheligi, Alexander Meschtscherjakov and David Wilfinger. Interactive Computing on Wheels. *IEEE Computer 44*, (2011), 100-102.

Manfred Tscheligi, Albrecht Schmidt, David Wilfinger, Alexander Meschtscherjakov and Andrew L. Kun. Workshop on: User experience in cars. In *Interact 2011: Proceedings of the 13th IFIP TC13 Conference on Human Computer Interaction* (2011).

Astrid Weiss, Roland Buchner, Hanspeter Fischer and Manfred Tscheligi. Exploring Human Robot Cooperation Possibilities for Semiconductor Manufacturing. In *International Workshop on Collaborative Robots and Human Robot Interaction* (2011), 173-177.

Astrid Weiss, Nicole Mirnig, Roland Buchner, Florian Förster and Manfred Tscheligi. Transferring Human-Human Interaction Studies to HRI Scenarios in Public Space. In *Proceedings of the 13th IFIP TC13 Conference on Human-Computer Interaction* (2011), 230-247.

David Wilfinger, Alexander Meschtscherjakov, Martin Murer, Sebastian Osswald and Manfred Tscheligi. Are we there yet?: a probing study to inform design for the rear seat of family cars. In *Proceedings of the 13th IFIP TC 13 international conference on Human-computer interaction - Volume Part II* (2011), 657-674.

David Wilfinger, Alexander Meschtscherjakov, Astrid Weiss and Manfred Tscheligi. Christian Doppler Laboratory: Contextual Interfaces. In *In Proceedings of the 13th IFIP TC13 Conference on Human-Computer Interaction (INTERACT 2011)* (2011), 675-676.

David Wilfinger, Martin Murer and Manfred Tscheligi. Open Car User Experience Lab: A Practical Approach to Evaluating Car HMIs Holistically. In *Adjunct Proceedings of the Third International Conference on Automotive User Interfaces and Interactive Vehicular Applications* (2011).

Jakub Z?otowski, Astrid Weiss and Manfred Tscheligi. Interaction Scenarios for HRI in Public Space. In *In Proceedings of the 3rd International Conference on Social Robotics (ICSR2011)* (2011), 1-10.

2010

Regina Bernhaupt, Michael Pirker, Astrid Weiss, David Wilfinger and Manfred Tscheligi. Ethnographic Insights on Security, Privacy and Personalization Aspects of User Interaction for Interactive TV. In *EuroiTV2010: Proceedings of the 8th European Conference on Interactive Television* (2010).

Thomas Grill, Wolfgang Reitberger, Alexander Meschtscherjakov, Marianna Obrist and Manfred Tscheligi. The Christian Doppler Laboratory on contextual interfaces. In *AmI2010: Proceedings of the 4th European Conference on Ambient Intelligence, (2010)*. (2010).

Alexander Meschtscherjakov, Wolfgang Reitberger, Florian Pöhr and Manfred Tscheligi. The Operator Guide: An Ambient Persuasive Interface in the Factory. In *First International Joint Conference on Ambient Intelligence (Malaga, Spain, November 10-12, 2010)* (2010).

Alexander Meschtscherjakov, Wolfgang Reitberger and Manfred Tscheligi. MAESTRO: Orchestrating User Behavior Driven and Context Triggered Experience Sampling. In *Measuring Behaviour 2010: Proceedings of the 7th International Conference on Methods and Techniques in Behavioral Research (Eindhoven, The Netherlands, August 24-27, 2010)* (2010), 287-290.

Thomas Mirlacher, Michael Pirker, Regina Bernhaupt, Thomas Fischer, Daniel Schwaiger, David Wilfinger and Manfred Tscheligi. Interactive Simplicity for iTV: Minimizing Keys for Navigating Content. In *Proceedings of the 8th International Interactive Conference on Interactive TV&Video* (2010), 137-140.

Martin Murer, Alexander Meschtscherjakov, David Wilfinger and Manfred Tscheligi. Car Cockpits - Attitudes and Imaginaries: A Survey at a Car Trade Fair. In *Adjunct Proceedings of*

- the 2nd International Conference on Automotive User Interfaces and Interactive Vehicular Applications* (2010).
- Marianna Obrist, Florian Förster, Daniela Wurhofer, Jörg Hofstätter and Manfred Tscheligi. Learning by Trial and Error: Supporting Children's Explorative Behavior in the Design of Educational Games. In *F&G '10: Proceedings of the Fun & Games conference* (2010).
- Marianna Obrist, Alexander Meschtscherjakov and Manfred Tscheligi. *Mobile TV: Customizing Content and Experience.* , 2010, ch. User Experience Evaluation in the Mobile Context.
- Marianna Obrist, Christiane Moser, Damien Alliez and Manfred Tscheligi. Field Evaluation of a Cross Platform 6 Key Navigation Model and a Unified User Interface Design. In *EuroITV2010: Proceedings of the 8th European Conference on Interactive Television* (2010).
- Marianna Obrist, Manfred Tscheligi, Boris de Ruyter and Albrecht Schmidt. Contextual User Experience: How to reflect it in Interaction Designs? In *CHI EA'10: Proceedings of the SIGCHI conference on Human factors in computing systems* (2010), 3197-3200.
- Marianna Obrist, Daniela Wurhofer, Elke Beck, Amela Karahasanovic and Manfred Tscheligi. User Experience (UX) Patterns for Audio-visual Networked Applications: Inspirations for Design. In *Proceedings of the 6th Nordic Conference on Human-Computer Interaction: Extending Boundaries* (2010), 343-352.
- Marianna Obrist, Daniela Wurhofer, Elke Beck and Manfred Tscheligi. CUX Patterns Approach: Towards Contextual User Experience Patterns. In *Patterns2010: Proceedings of the 2nd International Conference on Pervasive Patterns and Applications* (2010).
- Sebastian Osswald and Manfred Tscheligi. Driver Distraction: The Impact of Secondary Tasks on a Touch Display Steering Wheel. *Adjunct Proceedings of the 2nd International Conference on Automotive User Interfaces and Interactive Vehicular Applications* (2010).
- Sebastian Osswald and Manfred Tscheligi. Pre-Implementation Technology Acceptance for In Car Input Modalities. *Adjunct Proceedings of the 2nd International Conference on Automotive User Interfaces and Interactive Vehicular Applications* (2010).
- Wolfgang Reitberger, Alexander Meschtscherjakov, Florian Pöhr and Manfred Tscheligi. Examining an interface in the context factory through a persuasive lens. In *Persuasive 2010: Proceedings of the 5th International Conference on persuasive technology for human well-being* (2010).
- Wolfgang Reitberger, Alexander Meschtscherjakov, Manfred Tscheligi, Jaap Ham and Boris de Ruyter. Measuring (ambient) persuasive technologies. In *Proceedings of the Measuring Behavior* (2010), 489-490.
- Astrid Weiss and Manfred Tscheligi. Special Issue on Robots for future societies Evaluating social acceptance and societal impact of robots. *International Journal of Social Robotics 2*, (2010), 345-346.
- Astrid Weiss, Florian Förster, Daniela Wurhofer and Manfred Tscheligi. Development of Human Robot Interaction Models by means of a Cognitive Walkthrough Approach. In *AISB2010: Proceedings of the Symposium on New Frontiers in Human-Robot Interaction* (2010), 128-135.
- Astrid Weiss, Judith Igelsböck, Paolo Pierro, Roland Buchner, Carlos Balaguer and Manfred

Tscheligi. User Perception of Usability Aspects in Indirect HRI - A Chain of Translations. In *RO-MAN 2010: Proceedings of the 19th IEEE International Symposium on Robot and Human Interactive Communication* (2010), 574-580.

Astrid Weiss, Judith Igelsböck, Manfred Tscheligi, Andrea Bauer, Kolja Kühnlenz, Dirk Wollherr and Martin Buss. Robots Asking for Directions – The Willingness of Passers-by to Support Robots. In *HRI '10: Proceedings of the 5th ACM/IEEE International Conference on Human Robot Interaction* (2010), 23-30.

Astrid Weiss, Judith Igelsböck, Daniela Wurhofer and Manfred Tscheligi. Looking forward to a "Robotic Society"? - Imaginations of Future Human-Robot Relationships. *Special issue on the Human Robot Personal Relationship Conference in the International Journal of Social Robotics* (2010).

Astrid Weiss, Wolfgang Reitberger, Florian Pöhr, Florian Förster, Roland Buchner and Manfred Tscheligi. *USAB2010: 6th Symposium of the WG HCI&UE of the Austrian Computer Society.* , 2010, ch. "Contextual Interfaces" – Bridging the Gap of Fundamental Research and Industrial Application.

Astrid Weiss, Thomas Scherndl, Roland Buchner and Manfred Tscheligi. A Robot as Persuasive Social Actor - A Field Trial on Child-Robot Interaction. In *AISB2010: Proceedings of the Symposium on New Frontiers in Human-Robot Interaction* (2010), 136-142.

Astrid Weiss, Daniela Wurhofer, Regina Bernhaupt, Martin Altmaninger and Manfred Tscheligi. A Methodological Adaptation for Heuristic Evaluation of HRI. In *RO-MAN 2010: Proceedings of the 19th IEEE International Symposium on Robot and Human Interactive Communication* (2010), 1-6.

Astrid Weiss, Daniela Wurhofer, Regina Bernhaupt and Manfred Tscheligi. Video-based Heuristic Evaluation of Human-Robot Interaction: A Methodological Adaption. In *HRI '10: Proceedings of the 5th ACM/IEEE International Conference on Human Robot Interaction* (2010).

David Wilfinger, Alexander Meschtscherjakov, Martin Murer and Manfred Tscheligi. Influences on User Acceptance: Informing the Design of Eco-friendly In-car Interfaces. In *Proceedings of the 2nd International Conference on Automotive User Interfaces and Interactive Vehicular Applications* (2010), 125-128.

David Wilfinger, Alexander Meschtscherjakov, Martin Murer and Manfred Tscheligi. Probing Technology Usage in the Rear Seat. In *Adjunct Proceedings of the 2nd International Conference on Automotive User Interfaces and Interactive Vehicular Applications* (2010).

Daniela Wurhofer, Marianna Obrist, Elke Beck and Manfred Tscheligi. A Quality Criteria Framework for Pattern Validation. *International Journal of Advances in Software* 3(1&2), (2010), 252-264.

2009

Regina Bernhaupt, Marianna Obrist and Manfred Tscheligi. *Social Interactive Television: Immersive Shared Experiences and Perspectives.* , 2009, ch. Methods for involving users in the development of social interactive TV: Enhancing usability and user experience in non-traditional environments.

Regina Bernhaupt, Astrid Weiss, David Wilfinger and Manfred Tscheligi. Users' Needs, Desires

and Design Preferences for Recommendations in the Living Room. *Special Issues from EuroITV2008 on Personal Interactive (TV) Environments. For the ACM/Springer Multimedia Systems Journal. April/May 2009 15*, (2009), 159-171.

Roland Buchner and Manfred Tscheligi. A Concept for Support of Library Search by means of Ambient Displays. In *AmI2009: Proceedings of the 3rd European Conference on Ambient Intelligence* (2009).

Roland Buchner, Thomas Mirlacher and Manfred Tscheligi. Ambient Navigation: Finding you a way with Ambient Displays and Mobile Devices. In *AmI2009: Proceedings of the 3rd European Conference on Ambient Intelligence* (2009).

Alexander Meschtscherjakov, Wolfgang Reitberger, Thomas Mirlacher, Hermann Huber and Manfred Tscheligi. AmiQuin - An Ambient Mannequin for the Shopping Environment. In *AmI2009: Proceedings of the 3rd European Conference on Ambient Intelligence*, vol. 206-214 (2009).

Alexander Meschtscherjakov, David Wilfinger, Thomas Scherndl and Manfred Tscheligi. Acceptance of future persuasive in-car interfaces towards a more economic driving behaviour. In *Proceedings of the 1st International Conference on Automotive User Interfaces and Interactive Vehicular Applications* (2009), 81-88.

Thomas Mirlacher, Roland Buchner, Florian Förster, Astrid Weiss and Manfred Tscheligi. Ambient Rabbits - Likeability of Embodied Ambient Displays. In *AmI2009: Proceedings of the 3rd European Conference on Ambient Intelligence* (2009), 164-173.

Thomas Mirlacher, Wolfgang Reitberger, Michael Lankes, Alexander Meschtscherjakov and Manfred Tscheligi. The Ambient Mannequin: AmiQuin. In *AmI2009: Proceedings of the 3rd European Conference on Ambient Intelligence (Adjunct Proceedings)* (2009), 33-36.

Marianna Obrist, Pablo Cesar, David Geerts and Manfred Tscheligi. Taking Users Seriously in the Design of a Networked Serious Game Platform. In *Proceedings of NEM Summit 2009: Towards Future Media Internet* (2009).

Marianna Obrist, Judith Igelsböck, Elke Beck, Christiane Moser, Stefan Riegler and Manfred Tscheligi. "Now You Need to Laugh!" - Investigating Fun in Games with Children. In *ACE2009: Proceedings of the International Conference on Advances in Computer Entertainment Technology* (2009).

Marianna Obrist, Judith Igelsböck, Florian Förster, Manfred Tscheligi, Petra Sturm and Jochen Kranzer. Augmented TV: Experiencing Augmented Virtual TV in a Game-based PC Environment. In *EuroITV2009: Proceedings of the 7th European Conference on Interactive Television* (2009).

Marianna Obrist, Marc Miletich, Teresa Holocher, Elke Beck, Sara Kepplinger, Paul Muzak, Regina Bernhaupt and Manfred Tscheligi. Local Communities and IPTV: Lessons Learned in an Early Design and Development Phase. *Comput. Entertain.* 7, (2009), 44:1-44:21.

Marianna Obrist, Christiane Moser, Damien Alliez, Teresa Holocher and Manfred Tscheligi. Connecting TV & PC: An In-situ Field Evaluation of an Unified Electronic Program Guide Concept. In *Proceedings of the Seventh European Conference on European Interactive Television Conference* (2009), 91-100.

Wolfgang Reitberger, Alexander Meschtscherjakov, Thomas Mirlacher, Thomas Scherndl, Hermann Huber and Manfred Tscheligi. A persuasive interactive mannequin for shop windows. In *PERSUASIVE2009: Proceedings of the 4th International Conference on Persuasive Technology for Human Well-Being* (2009), 1-8.

Manfred Tscheligi and Marianna Obrist. *Contextual Interfaces*. 2009.

Manfred Tscheligi, Panos Markopoulos, Reiner Wichert, Thomas Mirlacher, Alexander Meschtscherjakov and Wolfgang Reitberger. *Ambient Intelligence: European Conference, Aml 2009, Salzburg, Austria, November 18-21, 2009. Proceedings*. Vol. 5859. 2009.

Astrid Weiss, Regina Bernhaupt, Michael Lankes and Manfred Tscheligi. The USUS Evaluation Framework for Human-Robot Interaction. In *AISB2009: Proceedings of the Symposium on New Frontiers in Human-Robot Interaction* (2009), 158-165.

Astrid Weiss, Regina Bernhaupt, Daniel Schwaiger, Martin Altmaninger, Roland Buchner and Manfred Tscheligi. User Experience Evaluation with a Wizard of Oz Approach: Technical and Methodological Considerations. In *Humanoids2009: Proceedings of the 9th IEEE-RAS International Conference on Humanoids Robotics* (2009), 303-308.

Astrid Weiss, Regina Bernhaupt and Manfred Tscheligi. User Experience Evaluation of Multimodal Interaction Techniques in Human-Robot Collaboration using a Wizard of Oz Approach. In *Humanoids2009: Proceedings of the 9th IEEE-RAS International Conference on Humanoids Robotics* (2009).

Astrid Weiss, Regina Bernhaupt, Manfred Tscheligi, Dirk Wollherr, Kolja Kühnlenz and Martin Buss. Evaluating Social Acceptance and Societal Impact in Human-Robot Interaction: Reflections on a Field User Study in a Public Place. *Special issue on Robots in the Wild: Exploring Human Robot Interaction in Naturalistic Environments, Interaction Studies* (2009).

Astrid Weiss, Regina Bernhaupt, Manfred Tscheligi and Eiichi Yoshida. Addressing User Experience and Societal Impact in a User Study with a Humanoid Robot. In *AISB2009: Proceedings of the Symposium on New Frontiers in Human-Robot Interaction* (2009), 150-157.

Astrid Weiss, Roland Buchner, Thomas Scherndl and Manfred Tscheligi. I would choose the other card: humanoid robot gives an advice. In *HRI '09: Proceedings of the 4th ACM/IEEE International Conference on Human Robot Interaction* (2009), 259-260.

Astrid Weiss, Judith Igelsböck, Sylvain Calinon, Aude Billard and Manfred Tscheligi. Teaching a Humanoid: A User Study on Learning by Demonstration with HOAP-3. In *Ro-Man2009: Proceedings of the 18th IEEE International Symposium on Robot and Human Interactive Communication* (2009), 147-152.

Astrid Weiss, Judith Igelsböck, Daniela Wurhofer and Manfred Tscheligi. Looking forward to a "Robotic Society"?: - Imaginations of Future Human-Robot Relationships. In *HRPR2009: Proceedings of the 2nd International Conference on Human-Robot Personal Relationships* (2009).

Astrid Weiss, Thomas Scherndl, Manfred Tscheligi and Aude Billard. Evaluating the ICRA 2008 HRI Challenge. In *Proceedings of the 4th ACM/IEEE International Conference on Human Robot Interaction* (2009), 261-262.

Astrid Weiss, Daniela Wurhofer, Roland Buchner and Manfred Tscheligi. Iterative desingn of a remote control by means of heuristic evaluation. In *ICAR2009: 24th Conference on Automation*

and Robotics (2009).

Astrid Weiss, Daniela Wurhofer, Roland Buchner, Manfred Tscheligi, Lorenzo Blasi and Marco Plebani. Development of a Teleoperator Interface for Humanoid Robots by the Means of Heuristic Evaluation Technique. In *TAROS2009: Proceedings of the 10th Conference Towards Autonomous Robotic Systems* (2009), 236-241.

Astrid Weiss, Daniela Wurhofer, Michael Lankes and Manfred Tscheligi. Autonomous vs. tele operated: How people perceive human-robot collaboration with HRP-2. In *HRI '09: Proceedings of the 4th ACM/IEEE International Conference on Human Robot Interaction* (2009), 257-258.

Astrid Weiss, Daniela Wurhofer, Michael Lankes and Manfred Tscheligi. People's Assumption about a Humanoid Robot: Tele-operated vs. Autonomous. In *TAROS2009: Proceedings of the 10th Conference Towards Autonomous Robotic Systems* (2009).

Astrid Weiss, Daniela Wurhofer and Manfred Tscheligi. "I love this dog" - Childrens' emotional attachment to the robotic dog AIBO. *Special issue on the Human Robot Personal Relationship Conference in the International Journal of Social Robotics 1*, (2009), 243-248.

David Wilfinger, Martin Murer, Michael Lankes and Manfred Tscheligi. Using a 3D Game to Study the Perceived Quality of Lifting Device Controls. In *Proceedings of the International Conference on Advances in Computer Entertainment Technology* (2009), 273-276.

David Wilfinger, Michael Pirker, Regina Bernhaupt and Manfred Tscheligi. Evaluating and Investigating an ITV Interaction Concept in the Field. In *EuroiTV2009: Proceedings of the 7th European Conference on Interactive Television* (2009), 175-178.

David Wilfinger, Astrid Weiss and Manfred Tscheligi. Exploring Shopping Information and Navigation Strategies with a Mobile Device. In *MobileHCI '09: Proceedings of the 11th international conference on Human computer interaction with mobile devices and services* (2009).

Peter Wolkerstorfer, Arjan Geven, Manfred Tscheligi and Marianna Obrist. User Innovation through the Digital Participatory Design Living Lab. In *INTERACT2009: Proceedings of the 12th IFIP TC13 International Conference on Human-Computer Interaction* (2009).

Daniela Wurhofer, Marianna Obrist, Elke Beck and Manfred Tscheligi. Introducing a Comprehensive Quality Criteria Framework for Validating Patterns. In *Patterns2009: Proceedings of the First International Conference on Pervasive Patterns and Applications* (2009).

2008

Elke Beck, Marianna Obrist, Regina Bernhaupt and Manfred Tscheligi. Instant Card Technique: How and Why to apply in User-Centered Design. In *PDC2008: Proceedings of the 10th Conference on Participatory Design* (2008).

Regina Bernhaupt, Wijnand IJsselsteijn, Florian Müller, Manfred Tscheligi and Dennis R. Wixon. Evaluating user experiences in games. In *CHI '08: CHI '08 Extended Abstracts on Human Factors in Computing Systems* (2008), 3905-3908.

Regina Bernhaupt, Marianna Obrist, Astrid Weiss, Elke Beck and Manfred Tscheligi. Trends in the living room and beyond: Results from ethnographic studies using creative and playful probing. *Comput. Entertain.* 6, (2008), 1-23.

Regina Bernhaupt, David Wilfinger, Astrid Weiss and Manfred Tscheligi. An Ethnographic Study on Recommendations in the Living Room: Implications for the Design of ITV Recommender Systems. In *EuroITV2008: Proceedings of the 6th European Conference on Interactive Television* (2008), 92-101.

Jeremi Gancet, Astrid Weiss, Manfred Tscheligi, Michel Ilzkovitz and Richard Aked. Human Robot Collaboration in a Planetary Settlement Setup: Collaborative Work, Interactions Design and Human Factors. In *ASTRA2008: Proceedings of the 10th Workshop on Advanced Space Technologies for Robotics and Automation* (2008).

Arjan Geven, Cristina Buiza, Marianna Obrist, Wolfgang Reitberger and Manfred Tscheligi. Capturing Ambient Assisted Living Needs. In *AmI2008: Proceedings of the European Conference on Ambient Intelligence* (2008).

Michael Lankes, Stefan Riegler, Astrid Weiss, Thomas Mirlacher, Michael Pirker and Manfred Tscheligi. Facial expressions as game input with different emotional feedback conditions. In *ACE2008: Proceedings of the International Conference on Advances in Computer Entertainment Technology* (2008), 253-256.

Alexander Meschtscherjakov, Marianna Obrist, Thomas Mirlacher, Michael Lankes and Manfred Tscheligi. Evaluating the Emotional Attachment to Mobile Devices & Services, 2008.

Alexander Meschtscherjakov, Wolfgang Reitberger, Michael Lankes and Manfred Tscheligi. Enhanced shopping: A dynamic map in a retail store. In *UbiComp2008: Proceedings of the 10th international Conference on Ubiquitous Computing* (2008), 336-339.

Christoph Obermair, Wolfgang Reitberger, Alexander Meschtscherjakov, Michael Lankes and Manfred Tscheligi. perFrames: Persuasive Picture Frames for Proper Posture. In *PERSUASIVE2008: Proceedings of the 3rd International Conference on Persuasive Technology* (2008), 128-139.

Marianna Obrist, Elke Beck, Sara Kepplinger, Regina Bernhaupt and Manfred Tscheligi. Local Communities: Back to Life (Live) Through IPTV. In *EuroITV2008: Proceedings of the 6th European Conference on Interactive Television* (2008), 148-157.

Marianna Obrist, Regina Bernhaupt and Manfred Tscheligi. Interactive TV for the Home: An Ethnographic Study on Users' Requirements and Experiences. *International Journal of Human Computer Interaction* 24, (2008), 174-196.

Marianna Obrist, David Geerts, Petter B. Brandtzæg and Manfred Tscheligi. Design for creating, uploading and sharing user generated content. In *CHI '08: CHI '08 extended abstracts on Human Factors in Computing Systems* (2008), 2391-2394.

Marianna Obrist, Sara Kepplinger, Elke Beck, Manfred Tscheligi and Paul Muzak. Usability & User Experience: Preliminary Results from Evaluating an IPTV Community Platform. In *EuroITV2008: Proceedings of the 6th European Conference on Interactive Television* (2008), 303-307.

Marianna Obrist, Daniela Wurhofer and Manfred Tscheligi. User Experience Patterns: A useful way to support social media development? In *NordiChi2008* (2008).

Wolfgang Reitberger, Manfred Tscheligi, Boris de Ruyter and Panos Markopoulos. Surrounded by ambient persuasion. In *CHI '08: CHI '08 extended abstracts on Human Factors in Computing*

Systems (2008), 3989-3992.

Astrid Weiss, Regina Bernhaupt, Manfred Tscheligi, Dirk Wollherr, Kolja Kühnlenz and Martin Buss. A methodological variation for acceptance evaluation of Human-Robot Interaction in public places. In *RO-MAN 2008: Proceedings of the 17th IEEE International Symposium on Robot and Human Interactive Communication* (2008), 713-718.

Astrid Weiss, Daniela Wurhofer, Regina Bernhaupt, Elke Beck and Manfred Tscheligi. "This is a Flying Shopping Trolley"- A Case Study of Participatory Design with Children in a Shopping Context. In *PDC2008: Proceedings of the 10th Conference on Participatory Design* (2008).

2007

Regina Bernhaupt, Andreas Boldt, Thomas Mirlacher, David Wilfinger and Manfred Tscheligi. Emotional Flower: How Social Community Building is Influenced by an Emotional Interface Game. In *AoiR2007: Proceedings of the 8th Annual Conference of the Association of Internet Researchers* (2007).

Regina Bernhaupt, Andreas Boldt, Thomas Mirlacher, David Wilfinger and Manfred Tscheligi. Using Emotions in Games: Emotional Flower. In *ACE2007: Proceedings of the International Conference on Advances in Computer Entertainment Technology* (2007), 41-48.

Regina Bernhaupt, Manfred Eckschlager and Manfred Tscheligi. Workshop on: Methods for Evaluating Games: How to Measure Usability and User Experience in Games?, 228-229.

Regina Bernhaupt, Marianna Obrist and Manfred Tscheligi. Usability and Usage of iTV Services: Lessons Learned in an Austrian Field Trial. *Comput. Entertain.* 5, (2007).

Regina Bernhaupt, Marianna Obrist, Astrid Weiss, Elke Beck and Manfred Tscheligi. Trends in the Living Room and Beyond. In *EuroITV2007: Proceedings of the 5th European Interactive TV conference* (2007), 146-155.

Regina Bernhaupt, Marianna Obrist, Astrid Weiss and Manfred Tscheligi. Enhanced Cultural Probes: How to Support Active User Participation in Audience Research. In *IAMCR2007: Proceedings of the 50th Anniversary Confernces of the International Association for Media and Communication Research* (2007).

Regina Bernhaupt, Astrid Weiss, Marianna Obrist and Manfred Tscheligi. Playful Probing: Making Probing more Fun. In *INTERACT2007: Proceedings of the 11th IFIP TC13 International Conference on Human-Computer Interaction* (2007), 606-619.

David Geerts, Marianna Obrist, Manfred Tscheligi and Petter B. Brandtzæg. Supporting non professional users in the new media landscape. In *CHI '07: CHI '07 extended abstracts on Human Factors in Computing Systems* (2007), 2849-2852.

Wolfgang Hofkirchner, Manfred Tscheligi, Robert Bichler and Wolfgang Reitberger. Ambient Persuasion for the Good Society. *International Review of Information Ethics (IRIE)* 8, (2007), 42-46.

Michael Lankes, Regina Bernhaupt and Manfred Tscheligi. An experimental setting for contextual perception of embodied conversational agents. In *ACE2007: Proceedings of the International Conference on Advances in Computer Entertainment Technology* (2007), 56-59.

Alexander Meschtscherjakov, Wolfgang Reitberger, Christoph Obermair and Manfred Tscheligi. Designing User Experiences in Special Ubiquitous Contexts. In *UbiComp2007: Proceedings of the 9th International Conference on Ubiquitous Computing* (2007), 233-238.

Kristian Mihalic and Manfred Tscheligi. Divert: Mother-in-law - Representing and Evaluating Social Context on Mobile Devices. In *MobileHCI2007: Proceedings of the 9th International Conference on Human-Computer Interaction with Mobile Devices and Services* (2007), 257-364.

Marianna Obrist, Regina Bernhaupt, Elke Beck and Manfred Tscheligi. Focusing on Elderly: An ITV Usability Evaluation Study with Eye-Tracking. In *EuroITV2007: Proceedings of the 5th European Interactive TV conference* (2007), 66-75.

Marianna Obrist, Astrid Weiss and Manfred Tscheligi. Evaluating User-Generated Content Creation across Contexts and Cultures. In *IAMCR2007: Proceedings of the 50th Anniversary Confernces of the International Association for Media and Communication Research* (2007).

Wolfgang Reitberger, Christoph Obermair, Bernd Ploderer, Alexander Meschtscherjakov and Manfred Tscheligi. Enhancing the Shopping Experience with Ambient Displays: A Study in a Retail Store. In *AmI2007: Proceedings of the European Conference on Ambient Intelligence* (2007), 314-331.

Wolfgang Reitberger, Christoph Obermair, Bernd Ploderer and Manfred Tscheligi. A method for studying mobile and ubiquitous media in their context of use. In *IAMCR2007: Proceedings of the 50th Anniversary Confernces of the International Association for Media and Communication Research* (2007).

Wolfgang Reitberger, Bernd Ploderer, Christoph Obermair and Manfred Tscheligi. The perCues Framework and its Application for Sustainable Mobility. In *PERSUASIVE2007: Proceedings of the Second International Conference on Persuasive Technology for Human Well-Being* (2007), 92-95.

Manfred Tscheligi. The importance of HCI for solving societal challenges. *interactions 14*, (2007), 24-25.

Manfred Tscheligi and Wolfgang Reitberger. Persuasion as an ingredient of societal interfaces. *interactions 14*, (2007), 41-43.

2006

Regina Bernhaupt, Marianna Obrist and Manfred Tscheligi. Pragmatic Approach to Measure User Experience of iTV. In *Nordichi2006: Proceedings of the 4th NordicConference on Human Computer Interaction* (2006).

Regina Bernhaupt, Marianna Obrist and Manfred Tscheligi. Usability and Usage of iTV Services: Lessons learned in an Austrian Field Trial. In *EuroITV2006: Proceedings of the 4th European Interactive TV Conference* (2006), 234-241.

Arjan Geven, Johann Schrammel and Manfred Tscheligi. Interacting with embodied agents that can see: how vision-enabled agents can assist in spatial tasks. In *Nordichi2006: Proceedings of the 4th NordicConference on Human-Computer Interaction* (2006), 135-144.

Arjan Geven, Johann Schrammel and Manfred Tscheligi. Narrations and Storytelling as Methodological Key Elements for Studying User Experience. *User Experience - Towards a*

unified view. In *Nordichi2006: Proceedings of the 4th Nordic Conference on Human-Computer Interaction* (2006).

Arjan Geven, Johann Schrammel and Manfred Tscheligi. User-Oriented Methods for Early Design and Evaluation of Intelligent Environments. In *MobileHCI2006: Proceedings of the 8th International Conference on Human-Computer Interaction with Mobile Devices and Services* (2006).

Arjan Geven, Reinhard Sefelin and Manfred Tscheligi. Depth and breadth away from the desktop: The optimal information hierarchy for mobile use. In *MobileHCI2006: Proceedings of the 8th International Conference on Human-Computer Interaction with Mobile Devices and Services* (2006), 157-164.

Kristian Mihalic and Manfred Tscheligi. Interactional Context for Mobile Applications. In *HFT2006: Proceedings of the 20th International Symposium on Human Factors in Telecommunication* (2006).

Kristian Mihalic, Manfred Tscheligi and Pertti Huuskonen. Workshop on Innovative mobile applications of context. In *MobileHCI2006: Proceedings of the 8th International Conference on Human-Computer Interaction with Mobile Devices and Services* (2006), 289-290.

Christoph Obermair, Bernd Ploderer, Wolfgang Reitberger and Manfred Tscheligi. Cues in the environment: A design principle for ambient intelligence. In *CHI '06: CHI '06 extended abstracts on Human Factors in Computing Systems* (2006), 1157-1162.

Marianna Obrist, Regina Bernhaupt and Manfred Tscheligi. Interactive Television for the Home: An ethnographic study on users' requirements and experiences. In *EuroITV2006: Proceedings of the 4th European Interactive TV Conference* (2006), 234-241.

Marianna Obrist, Regina Bernhaupt and Manfred Tscheligi. Users@Home: Implications from studying iTV. In *HFT2006: Proceedings of the 20th International Symposium on Human Factors in Telecommunication* (2006).

Johann Schrammel and Manfred Tscheligi. Experiences Evoked by Today's Technology. Results from a Qualitative Empirical Study. In *HFT2006: Proceedings of the 20th International Symposium on Human Factors in Telecommunication* (2006).

Johann Schrammel, Arjan Geven and Manfred Tscheligi. Using Narration to Recall and Analyse User Experiences and Emotions Evoked by Today's Technology. In *Design and Emotion 2006: Proceedings of the 5th Conference on Design and Emotion* (2006), 732-748.

Verena Seibert-Giller, Manfred Tscheligi, Reinhard Sefelin and Anu Kankainen. *Networked Neighbourhoods: The Connected Community in Context.*, 2006, ch. The digital hug: Enhancing emotional communication through creative scenarios, 265-278.

Manfred Tscheligi and Reinhard Sefelin. Mobile Navigation Support for Pedestrians: Can It Work and Does It Pay off? *interactions 13*, (2006), 31-33.

Manfred Tscheligi, Wolfgang Reitberger, Christoph Obermair and Bernd Ploderer. Percues: Trails of Persuasion for Ambient Intelligence. In *PERSUASIVE2006: Proceedings of the First International Conference on Persuasive Technology for Human Well-Being* (2006), 203-206.

Bruno von Niman and Manfred Tscheligi. Introduction: Gadgets06. *interactions 13*, (2006), 22

2005

Regina Bernhaupt, Leonhard Brunauer and Manfred Tscheligi. ADIS: Accessibility and Device Independence System. In *INTERACT2005: Proceedings of the 10th IFIP TC 13 International Conference on Human-Computer Interaction* (2005).

Regina Bernhaupt, Bernd Ploderer and Manfred Tscheligi. Relevance of Prior Experience in MHP Based Interactive TV Services. In *INTERACT2005: Proceedings of the 10th IFIP TC 13 International Conference on Human-Computer Interaction* (2005), 1150-1153.

Manfred Eckschlager, Regina Bernhaupt and Manfred Tscheligi. NEmESys: neural emotion eliciting system. In *CHI2005: Proceedings of the ACM SIGCHI Conference on Human Factors in Computing Systems* (2005), 1347-1350.

Kristian Mihalic, Wolfgang Reitberger, Christoph Obermair and Manfred Tscheligi. Context in mobile HCI. In *MobileHCI2005: Proceedings of the 7th Conference on Human-Computer Interaction with Mobile Devices and Services* (2005).

Manfred Tscheligi. Introduction: Ambient Intelligence. *Interactions* 12, (2005), 20-21.

Manfred Tscheligi. More experiences: other sides of the profession story. *Interactions* 12, (2005), 48-49.

Manfred Tscheligi. What else?: People, disciplines, contexts, stories, occurrences. *Interactions* 12, (2005), 62-63.

Manfred Tscheligi and Regina Bernhaupt. HCI education at the ICT&S Human-Computer Interaction as a cornerstone between technology and society. *Interactions* 12, (2005), 34-36.

2004

Manfred Tscheligi and Regina Bernhaupt. *CHI '04: CHI '04 Extended Abstracts on Human Factors in Computing Systems.* , 2004, ch. Advanced studies and research in information and communication technologies & society: The ICT&S-Center, 1067-1068.

Manfred Tscheligi, Regina Bernhaupt and Manfred Eckschlager. Intelligent Interfaces: Ambient Intelligence and Beyond. *ÖGAI-Journal* 23, (2004), 3-8.

Manfred Tscheligi, Ken Crisler, Thea Turner, Andrew Aftelak, Michele Visiciola, Axel Steinhage, Mikael Anneroth, Martin Rantzer, Bruno von Niman, Angela Sasse, Satu Katliokulju, Emanuele Dainesi and Antonella Zucchella. Considering the User in the Wireless World. In *IEEE Communications*, vol. 42 (2004), 56-62.

Manfred Tscheligi, Reinhard Sefelin and Verena Seibert-Giller. Xaudio: Results from a Field Trial Study on a Technology Enhancing Radio Listeners' User Experience. In *MobileHCI2004: Proceedings of the 6th International Conference on Human-Computer Interaction with Mobile Devices and Services* (2004), 351-355.