

## BIBLIOGRAPHY

- [1] ACEA Scientific Advisory Group Report, 2014: *Carsharing: Evolution, Challenges, and Opportunities*, Centre for Transport Studies, Imperial College London.
- [2] Alessandrini, A., Campagna, A., Delle Site, P., Filippi, F., Persia, L., 2015: Automated Vehicles and the Rethinking of Mobility and Cities, in: *Transportation Research Procedia*, 145–160.
- [3] Anderson, J. M., Kalra, N., Stanley, K. D., Sorensen, P., Samaras, C., Oluwatola, O. A., 2014: *Autonomous Vehicle Technology: A Guide for Policymakers*, Rand Corporation, Santa Monica.
- [4] Arbib, J., Seba, T., 2017: *Rethinking Transportation 2020–2030*, Rethink Disruption Report.
- [5] Arup Foresight, 2014: *Future of Rail 2050*, London.
- [6] Bainbridge, L., 1983: Ironies of Automation, in: *Automatica*, 775–779.
- [7] Barclays, 2015: Disruptive Mobility.
- [8] Barth, M., Boriboonsomsin, K., Wu, G., 2014: Vehicle Automation and its Potential Impacts on Energy and Emissions, in: Meyer, G., Beiker, S., *Road Vehicles Automation*, Berlin, 103–112.
- [9] Bécsi, T., Aradi, S., Gáspár, P., 2015: Security Issues and Vulnerabilities in Connected Car Systems, in: *IEEE Models and Technologies for Intelligent Transportation Systems*, 477–482.
- [10] Beiker, S., 2012: Legal Aspects of Autonomous Driving, in: *Santa Clara Law Review*, Article 1.

- [11] Beiker, S., 2016: Deployment Scenarios for Vehicles with Higher-order Automation, in: Maurer, M., Gerdes, C. J., Lenz, B., Winner, H., *Autonomous Driving*, Berlin, 193–212.
- [12] Beiker, S., 2016: Implementation of an Automated Mobility-on-Demand System, in: Maurer, M., Gerdes, C. J., Lenz, B., Winner, H., *Autonomous Driving*, Berlin, 277–300.
- [13] Bengler, K., Dietmayer, K., Faerber, B., Maurer, M., Stiller, C., Winner, H., 2014: Three Decades of Driver Assistance Systems Review and Future Perspectives, in: *IEEE Intelligent Transportation Systems Magazine*, 6–22.
- [14] Blanco, M., Atwood, J., Vasquez, H. M., Trimble, T. E., Fitchett, V. L., Radlbeck, J., Fitch, G. M., Russell, S. M., 2016: Automated Vehicles: Take-over Request und System Prompt Evaluation, in: Meyer, G., Beiker, S., *Road Vehicles Automation 3*, Berlin, 111–120.
- [15] Blind, K., 2013: *The Impact of Standardization and Standards on Innovation – Compendium of Evidence on the Effectiveness of Innovation Policy Intervention*, Manchester Institute of Innovation Research, Manchester Business School.
- [16] Bonnefon, J. F., Shariff, A., Rahwan, I., 2016: The Social Dilemma of Autonomous Vehicles, in: *Science*, 1573–1576.
- [17] Bundesministerium für Verkehr und digitale Infrastruktur der Bundesrepublik Deutschland, 2017: *Ethik-Kommission: Automatisiertes und vernetztes Fahren*, Berlin.
- [18] Burns, L. D., Jordon, W. C., Scarborough, B. A., 2013: *Transforming Personal Mobility*, Earth Island Institute, Columbia University, New York.
- [19] Campbell, M., Egerstedt, M., How, J. P., Murray, R. M., 2010: Autonomous Driving in Urban Environments: Approaches, Lessons and Challenges, in: *Philosophical Transactions of the Royal Society A*, 4649–4672.
- [20] Cassingham, R. C., 1996: *Dvorak Keyboard: The Ergonomically Designed Keyboard, Now an American Standard*, Freelance Communications, New York.

- [21] Centre for Economic and Business Research, 2014: *The Future Economic and Environmental Costs of Gridlock in 2030, An Assessment of the Direct and Indirect Economic and Environmental Costs of Idling in Road Traffic Congestion to Households in the UK, France, Germany, and the USA*, London.
- [22] Chambers, M., Mindy L., Chip, M., 2012: *Drunk Driving by the Numbers*, New York.
- [23] Christensen, C., 2000: *The Innovator's Dilemma*, New York.
- [24] City GPS, 2016: *Car of the Future v3.0*, New York.
- [25] Copenhagen Economics, 2015: *Economic Benefits of Peer-to-Peer Transport Services*, Stockholm.
- [26] Coppola, R., Morisio, M., 2016: Connected Car: Technologies, Issues, Future Trend, *ACM Computing Surveys*, Article 46.
- [27] Creaser, J. I., Fitch, G. M., 2015: Human Factors Considerations for the Design of Level 2 and Level 3 Automated Vehicles, in: Meyer, G., Beiker, S., *Road Vehicles Automation 2*, Berlin, 81–92.
- [28] Cyganski, R., 2016: Automated Vehicles and Automated Driving from a Demand Modeling Perspective, in: Maurer, M., Gerdes, C. J., Lenz, B., Winner, H., *Autonomous Driving*, Berlin, 233–254.
- [29] Diels, C., Bos, J. E., Hottelart, K., Reilhac, P., 2016: Motion Sickness in Automated Vehicles: The Elephant in the Room, in: Meyer, G., Beiker, S., *Road Vehicles Automation 3*, Springer, 121–130.
- [30] Dietmayer, K., 2016: Predicting of Machine Perception for Automated Driving, in: Maurer, M., Gerdes, C. J., Lenz, B., Winner, H., *Autonomous Driving*, Berlin, 407–424.
- [31] Eckhardt, G. M., Bardhi, F., 2015: The Sharing Economy isn't about Sharing, in: *Harvard Business Review* 2, 115–137.
- [32] Ernst & Young, 2015: Who's in the Driving Seat?
- [33] European Automobile Manufacturers' Association, 2015: *The Truck of the Future - Innovative, Fuel-Efficient, Safe*, Brussels.
- [34] Faerber, B., 2016: Communication and Communication Problems between Autonomous Vehicles and Human Drivers, in: Maurer, M.,

- Gerdes, C. J., Lenz, B., Winner, H., *Autonomous Driving*, Berlin, 125–148.
- [35] Fernandez, P., Nunes, U., 2012: Platooning with IVC-enabled Autonomous Vehicles – Strategies to Mitigate Communication Delays, Improve Safety and Traffic Flow, in: *IEEE Transactions on Intelligent Transportation Systems*, 91–106.
- [36] Fitch, G. M., 2015: *The HMI for the Automated Vehicle*, Virginia Tech Transportation Institute.
- [37] Folsom, T. C., 2012: Energy and Autonomous Urban Land Vehicles, in: *Technology and Society Magazine*, 28–38.
- [38] Foot, P., 1978: *Virtues and Vices*, Basil Blackwell, Oxford.
- [39] Flaemig, H., 2016: Autonomous Vehicles and Autonomous Driving in Freight Transport, in: Maurer, M., Gerdes, C. J., Lenz, B., Winner, H., *Autonomous Driving*, Berlin, 365–386.
- [40] Fraedrich, E., Lenz, B., 2016: Societal and Individual Acceptance of Autonomous Driving, in: Maurer, M., Gerdes, C. J., Lenz, B., Winner, H., *Autonomous Driving*, Berlin, 621–640.
- [41] Fragnant, D. J., Kockelman, K. M., 2014: The Travel and Environmental Implications of Shared Autonomous Vehicles, using Agent-based Model Scenarios, in: *Transportation Research Part C, Emerging Technologies*, 1–14.
- [42] Fraszczyk, A., Brown, P., Duan, S., 2015: Public Perception of Driverless Trains, in: *Urban Rail Transit*, 78–86.
- [43] Fraunhofer Institut, 2015: Hochautomatisiertes Fahren auf Autobahnen – Industriepolitische Schlussfolgerungen.
- [44] Fraunhofer Institut, Horvath & Partners, 2016: The Value of Time.
- [45] Friedrich, B., 2016: The Effect of Autonomous Vehicles on Traffic, in: Maurer, M., Gerdes, C. J., Lenz, B., Winner, H., *Autonomous Driving*, Berlin, 317–334.
- [46] Frost and Sullivan, 2016: Strategic Outlook of Global Autonomous Driving Market.

- [47] Gerdes, C. J., Thornton, S. M., 2016: Implementable Ethics for Autonomous Vehicles, in: Maurer, M., Gerdes, C. J., Lenz, B., Winner, H., *Autonomous Driving*, Berlin, 87–102.
- [48] Gold, C., Dambroeck, D., Lorenz, L., Bengler, K., 2013: Take Over! How Long Does It Take to Get the Driver back into the Loop?, in: *Proceedings of the Human Factors and Ergonomics Society*, 1938–1942.
- [49] Gold, C., Koerber, M., Hohenberger, C., Lechner, D., Bengler, K., 2015: Trust in Automation – before and after the Experience of Take-over Scenarios in a Highly Automated Vehicle, in: *Procedia Manufacturing*, 3025–3032.
- [50] Goldman Sachs, 2015: Monetizing the Rise of Autonomous Vehicles.
- [51] Goodall, N. J., 2014: Machine Ethics and Automated Vehicles, in: Meyer, G., Beiker, S., *Road Vehicles Automation*, Berlin, 93–102.
- [52] Great Britain Department of Transport, 2015: The Pathway to Driverless Cars.
- [53] Grundwald, A., 2016: Societal Risk Constellations for Autonomous Driving, Analysis, Historical Context and Assessment, in: Maurer, M., Gerdes, C. J., Lenz, B., Winner, H., *Autonomous Driving*, Berlin, 641–664.
- [54] Haberle, T., Charissis, L., Fehling, C., Nahm, J., Leymann, F., 2015: The Connected Car in the Cloud: A Platform for Prototyping Telematics Services, in: *IEEE Software*, 11–17.
- [55] Haertl, F., Taylor, K., 2015: *Connected Car – Creating a Seamless Life through the Connected Car*, GfK, Nuernberg.
- [56] Heinrichs, D., 2016: Autonomous Driving and Urban Land Use, in: Maurer, M., Gerdes, C. J., Lenz, B., Winner, H., *Autonomous Driving*, Berlin, 213–232.
- [57] Hoff, K. A., Bashir, M., 2015: Trust in Automation: Integrating Empirical Evidence on Factors that Influence Trust, in: *Human Factors*, 407–434.

- [58] Hong, T., Abrams, M., Chang, T., Shneier, M., 2008: An Intelligent World Model for Autonomous Off-Road Driving, in: *Computer Vision and Image Understanding*, 1–16.
- [59] Huang, P., Pruckner, A., 2016: Steer byWire, in: Harrer, M., Pfeffer, P., *Steering Handbook*, Cham, 513–526.
- [60] Hyve Science Lab, 2015: *Autonomous Driving – The User Perspective*, Munich.
- [61] IBM, 2011: Global Parking Survey – Drivers Share Worldwide Parking Woes.
- [62] IHS Automotive, 2014: Emerging Technologies.
- [63] IHS Markit, 2016: Autonomous Industry Analysis.
- [64] Institute for Mobility Research, 2016: Autonomous Driving – The Impact of Vehicle Automation on Mobility Behaviour.
- [65] Isaac, L., 2016: How Local Governments Can Plan for Autonomous Vehicles, in: Meyer, G., Beiker, S., *Road Vehicles Automation 3*, Berlin, 59–71.
- [66] Kaufmann, S., Moss, M. L., Tyndale, J., Hernandez, J., 2015: *Mobility, Economic Opportunity and New York City Neighborhoods*, New York University.
- [67] Khurram, M., Kumar, H., Chandak, A., Sarwade, V., Arora, N., Quach, T., 2016: *Enhancing Connected Car Adoption: Security and Over the Air Update Framework*, IEEE World Forum on Internet of Things.
- [68] King, J. D., Rupp, A. G., 2010: *Autonomous Driving – A Practical Roadmap*, SAE International Working Paper.
- [69] Kolmar, M., Booms, M., 2016: Kein Algorithmus für ethische Fragen, in: *Neue Zürcher Zeitung*, January.
- [70] KPMG, 2012: Self-driving Cars: The Next Revolution.
- [71] KPMG, 2015: Automobile Insurance in the Era of Autonomous Vehicles.

- [72] KPMG, 2015: Global Automotive Executive Survey.
- [73] Kroeger, F., 2016: Automated Driving in its Social, Historical, and Cultural Contexts, in: Maurer, M., Gerdes, C. J., Lenz, B., Winner, H., *Autonomous Driving*, Berlin, 41–68.
- [74] Kyriakidis, M., Happee, R., de Winter, J., 2014: *Public Opinion on Automated Driving: Results of an International Questionnaire among 5,000 Respondents*, Delft University of Technology, Delft.
- [75] Lenz, B., Fraedrich, E., 2016: New Mobility Concepts and Autonomous Driving: The Potential for Change, in: Maurer, M., Gerdes, C. J., Lenz, B., Winner, H., *Autonomous Driving*, Berlin, 173–192.
- [76] Levinson, J., 2011: *Towards Fully Autonomous Driving: Systems and Algorithms*, IEEE Intelligent Vehicles Symposium.
- [77] Lin, P., 2016: Why Ethics Matters for Autonomous Cars, in: Maurer, M., Gerdes, C. J., Lenz, B., Winner, H., *Autonomous Driving*, Berlin, 69–86.
- [78] Lipson, H., Kurman, M., 2016: *Driverless: Intelligent Cars and the Road Ahead*, MIT Press, Cambridge.
- [79] Liu, R., Fragant, D. J., Zhang, W. B., 2016: Beyond Single Occupancy Vehicles: Automated Transit and Shared Mobility, in: Meyer, G., Beiker, S., *Road Vehicles Automation 3*, Berlin, 259–276.
- [80] Lu, N., Cheng, N., Zhang, N., Shen, X., Mark, J. W., 2014: Connected Vehicles: Solutions and Challenges, in: *IEEE Internet of Things Journal*, 289–299.
- [81] Luettel, T., Himmelsbach, M., Wuensche, H. J., 2012: Autonomous Ground Vehicles – Concepts and a Path to the Future, in: *Proceedings of the IEEE*, 1831–1839.
- [82] Manley, E., 2012: Identifying Communities in Traffic Flow.
- [83] Maurer, M., Gerdes, J., Lenz, B., Winner, H., 2016: *Autonomous Driving - Technical, Legal and Social Aspects*, Berlin.
- [84] McKinsey & Company, 2011: Urban World: Mapping the Economic Power of Cities.

- [85] McKinsey & Company, 2016: Car Data: Paving the Way to Value-creating Mobility.
- [86] McKinsey & Company, 2016: Automotive Revolution – Perspective Towards 2030.
- [87] McKinsey & Company, 2016: Delivering Change.
- [88] McKinsey & Company, 2016: How the Convergence of Automotive and Tech Industry will Create a New Ecosystem.
- [89] McKinsey & Company, 2016: An Integrated Perspective on the Future of Mobility.
- [90] McKinsey & Company, 2017: How shared Mobility will Change the Automotive Industry.
- [91] Meeker, M., 2017: Internet Trends 2017 – Code Conference.
- [92] Ministry of Infrastructure and Environment, 2015: *European Truck Platooning Challenge*, The Hague.
- [93] Morgan Stanley Research, 2012: Global Auto Scenarios 2022.
- [94] Morgan Stanley Research, 2013: Autonomous Cars, Self-driving the New Industry Paradigm.
- [95] Morgan Stanley Research, 2016: Global Investment Implications of Auto 2.0.
- [96] Morgan Stanley Research, The Boston Consulting Group, 2016: Motor Insurance 2.0.
- [97] National Highway Traffic Safety Administration, 2015: Human Factors Evaluation of Level 2 and Level 3 Automated Driving Concepts.
- [98] Najm, W., 2010: Frequency of Target Crashes for Intelligent Safety Systems.
- [99] Naujoks, F., Purucker, C., Neukum, A., 2016: Secondary Task Engagement and Vehicle Automation – Comparing the Effects of Different Assistance Levels in an On-road Field Experiment, in: *Transportation Research, Part F, Traffic Psychology and Behaviour*, 67–82.



- [100] Norman, D. A., 2015: The Human Side of Automation, in: Meyer, G., Beiker, S., *Road Vehicles Automation 2*, Berlin, 73–81.
- [101] OECD, International Transport Forum, 2015: *Urban Mobility Systems Upgrade: How Shared Self-driving Cars Could Change City Traffic*, Paris.
- [102] OECD, International Transport Forum, 2015: *Automated and Autonomous Driving: Regulation under Uncertainty*, Paris.
- [103] Pavone, M., 2016: Autonomous Mobility-on-Demand Systems for Future Urban Mobility, in: Maurer, M., Gerdes, C. J., Lenz, B., Winner, H., *Autonomous Driving*, Berlin, 387–406.
- [104] Peters, J. I., 2014: Accelerating Road Vehicle Automation, in: Meyer, G., Beiker, S., *Road Vehicle Automation*, Berlin, 25–35.
- [105] PricewaterhouseCoopers, 2015: Connected Car Study.
- [106] PricewaterhouseCoopers, 2016: Connected Car Report 2016 – Opportunities, Risk, and Turmoil on the Road to Autonomous Vehicles.
- [107] Radlmayr, J., Gold, C., Lorenz, L., Farid, M., Bengler, K., 2014: How Traffic Situations and Non-driving Related Tasks Affect the Take-over Quality in Highly Automated Driving, in: *Proceedings of the Human Factors and Ergonomics Society*, 2063–2067.
- [108] Rannenberg, K., 2016: Opportunities and Risks Associated with Collecting and Making Usable Additional Data, in: Maurer, M., Gerdes, C. J., Lenz, B., Winner, H., *Autonomous Driving*, Berlin, 497–522.
- [109] Redzic, O., Rabel, D., 2015: A Location Cloud for Highly Automated Driving, in: Meyer, G., Beiker, S., *Road Vehicles Automation 2*, Berlin, 49–60.
- [110] Reilhac, P., Millett, N., Hottelart, K., 2016: Shifting Paradigms and Conceptual Frameworks for Automated Driving, in: Meyer, G., Beiker, S., *Road Vehicles Automation 3*, Berlin, 73–90.

- [111] Reschka, A., 2016: Safety Concept for Autonomous Vehicles, in: Maurer, M., Gerdes, C. J., Lenz, B., Winner, H., *Autonomous Driving*, Berlin, 473–496.
- [112] Reuben, S., Ward, J., 2016: Smart Mobility: Systems and Modeling for Accelerated Research in Transportation, in: Meyer, G., Beiker, S., *Road Vehicles Automation 3*, Berlin, 39–53.
- [113] Roland Berger Consultants, 2014: Autonomous Driving.
- [114] Roland Berger Consultants, Automotive Competence Center at the Technical University of Aachen, 2015: *Automated Vehicle Index*, Munich, Aachen.
- [115] Roland Berger Consultants, 2016: A CEO Agenda for the (R) Evolution of the Automotive Ecosystem.
- [116] Rosenzweig, J., Bartl, M., 2015: A Review and Analysis of Literature on Autonomous Driving, in: *The Making of Innovation – E-Journal*, 1–57.
- [117] Ross, P. E., 2014: Robot, You Can Drive My Car – Autonomous Driving will Push Humans into the Passenger Seat, in: *IEEE Spectrum*, 60–90.
- [118] Rubin, J., 2016: Connected Autonomous Vehicles – Travel Behavior and Energy Use, in: Meyer, G., Beiker, S., *Road Vehicles Automation 3*, Berlin, 151–162.
- [119] Santi, P., Resta, G., Szell, M., Sobolevsky, S., Striogatz, S., Ratt, C., 2014: Quantifying the Benefits of Vehicle Pooling with Shareability Networks, in: *Proceeding of the National Academy of Science*.
- [120] Schoettle, B., Sivak, M., 2014: *Public Opinion about Self-driving Vehicles in China, India, Japan, the US, the UK, and Australia*, University of Michigan, Transportation Research Institute, Ann Arbor.
- [121] Schreurs, M. A., Steuwer, S. D., 2016: Autonomous Driving – Political, Legal, Social, and Sustainability Dimensions, in: Maurer, M., Gerdes, C. J., Lenz, B., Winner, H., *Autonomous Driving*, Berlin, 149–172.

- [122] Siulagi, A., Antin, J. F., Molnar, L. J., Bai, S., Reynolds, S., Carsten, O., Greene-Roesel, R., 2016: Vulnerable Road Users: How can Automated Vehicle Systems Help to Keep Them Safe and Mobile?, in: Meyer, G., Beiker, S., *Road Vehicles Automation 3*, Berlin, 277–286.
- [123] Seppelt, B. D., Victor, T. W., 2016: Potential Solutions to Human Factors Challenges in Road Vehicle Automation, in: Meyer, G., Beiker, S., *Road Vehicles Automation 3*, Berlin, 131–150.
- [124] Spieser, K., Ballantyne, K., Treleaven, K., Zhang, R., Frazzoli, E., Morton, D., Pavone, M., 2014: Toward a Systematic Approach to the Design and Evaluation of Automated Mobility-on-Demand Systems – A Case Study in Singapore, Springer Lecture Notes in Mobility Series.
- [125] Starnes, M., 2014: *Estimating Lives Saved by Electronic Stability Control, 2008–2012*, US Department of Transportation.
- [126] Switkes, J. P., Boyd, S., 2016: Connected Truck Automation, in: Meyer, G., Beiker, S., *Road Vehicles Automation 3*, Berlin, 195–200.
- [127] Texas A&M Transportation Institute, 2015: Urban Mobility Scorecard.
- [128] The Boston Consulting Group, 2015: Revolution in the Driver’s Seat: The Road to Autonomous Vehicles.
- [129] The Boston Consulting Group, 2015: Revolution versus Regulation: The Make-or-Break Questions about Autonomous Vehicles.
- [130] The Boston Consulting Group, 2016: Perspectives.
- [131] The Boston Consulting Group, 2016: What’s Ahead for Car Sharing?
- [132] The Boston Consulting Group, 2016: Self-Driving Vehicles, Robo-Taxis, and the Urban Mobility Revolution.
- [133] Transport and Mobility Leuven, 2015: *GHG Reduction Measures for the Road Freight Transport Sector up to 2020*, Brussels.
- [134] Treat, J. R., 1979: Tri-Level Study of the Causes of Traffic Accidents: Final Report, Executive Summary.
- [135] Underwood, S., Bartz, D., Kade, A., Crawford, M., 2016: Truck Automation: Testing and Trusting the Virtual Driver, in: Meyer, G., Beiker, S., *Road Vehicles Automation 3*, Berlin, 91–110.

- [136] Urmson, C., 2008: Autonomous Driving in Urban Environments: Boss and the Urban Challenge, in: *Journal of Field Robotics*, 425–466.
- [137] US Department of Transportation, 2016: Beyond Traffic, Trends and Choices 2045.
- [138] US Department of Transportation, National Highway Traffic Safety Administration, 2016: Accelerating the Next Revolution in Roadway Safety.
- [139] Von Arem, B., Abbas, M. M., Li, X., Head, L., Zhou, X., Chen, D., Bertini, R., Mattingly, S. P., Wang, H., Orsz, G., 2016: Integrated Traffic Flow Models and Analysis for Automated Vehicles, in: Meyer, G., Beiker, S., *Road Vehicles Automation 3*, Berlin, 249–258.
- [140] Wachenfeld, W., Winner, H., Gerdes, C. J., Lenz, B., Maurer, M., Beiker, S., Fraedrich, E., Winkle, T., 2016, Use Cases for Autonomous Driving in: Maurer, M., Gerdes, C. J., Lenz, B., Winner, H., *Autonomous Driving*, Berlin, 9–40.
- [141] Wadud, Z., MacKenzie, D., Leiby, P., 2016: Help or Hindrance? The Travel, Energy, and Carbon Impacts of Highly Automated Vehicles, in: *Transportation Research Part A*, 1–18.
- [142] Wagner, P., 2016: Traffic Control and Traffic Management in a Transportation System with Autonomous Vehicles, in: Maurer, M., Gerdes, C. J., Lenz, B., Winner, H., *Autonomous Driving*, Berlin, 301–316.
- [143] Waytz, A., Heafner, J., Epley, N., 2014: The Mind in the Machine: Anthropomorphism increases Trust in autonomous Vehicles, in: *Journal of Experimental Social Psychology*, 113–117.
- [144] Winkle, T., 2016: Safety Benefits of Automated Vehicles: Extended Findings from Accident Research for Development, Validation and Testing, in: Maurer, M., Gerdes, C. J., Lenz, B., Winner, H., *Autonomous Driving*, Berlin, 335–364.
- [145] Winner, H., Wachenfeld, W., 2016: Effects of Autonomous Driving on the Vehicle Concept, in: Maurer, M., Gerdes, C. J., Lenz, B., Winner, H., *Autonomous Driving*, Berlin, 255–276.

- [146] Wolf, I., 2016: The Interaction between Humans and Autonomous Agents, in: Maurer, M., Gerdes, C. J., Lenz, B., Winner, H., *Autonomous Driving*, Berlin, 103–124.
- [147] World Economic Forum, 2014: Connected World, Hyperconnected Travel and Transportation in Action.
- [148] World Health Organization, 2015: *Global Status Report on Road Safety*, Geneva.
- [149] Wyglinski, A. M., Huang, X., Padir, T., Lai, L., Eisenbarth, T. R., Venkatasubramanian, K., 2013: Security of Autonomous Systems Employing Embedded Computing and Sensors, in: *IEEE Micro*, 80–86.
- [150] Zachariah, J., Gao, J., Kornhauser, A., Mufti, T., 2013: Uncongested Mobility for All: A Proposal for an Areawide Autonomous Taxi System in New Jersey, in: *Proceedings of Transportation Research Board Annual Meeting*, 1–14.