

# Publikationen

Name / Titel	Prof. Dr. Dirk Reichardt
<p><b>A. Veröffentlichungen von Arbeiten an der DHBW</b></p>	
<p>Ahmed Elnaggar, Dirk Reichardt: "Analyzing Hand Therapy Success in a Web-Based Therapy System", in: Proceedings of the ABIS 2016, Aachen, September 2016</p>	
<p>M. Sourial, A. Elnaggar, and D. Reichardt, "Development of a virtual coach scenario for hand therapy using leap motion," in Proceedings of the 2016 Future Technologies Conference (FTC), IEEE, San Francisco, December 2016</p>	
<p>M. Anis, A. Elnaggar, and D. Reichardt, "Exploring Interactive Teaching of a Multi-Modal Emotional Expression of a Humanoid Robot," in Proceedings of the 2016 Future Technologies Conference (FTC). IEEE, San Francisco, December 2016</p>	
<p>Ahmed Elnaggar, Dirk Reichardt, "Digitizing The Hand Rehabilitation Using the Serious Games Methodology With a User-Centered Design Approach," in Proceedings of the 2016 International Conference on Computational Science and Computational Intelligence (CSCI'16). IEEE, Las Vegas, December 2016</p>	
<p>Menah EL Bastawisy, Dirk Reichardt, and Slim Abdennadher, "Towards a Human Machine Interface Concept for Performance Improvement of Cycling", Proceedings of the GALA Conference 2016, 5th International Conference, GALA 2016, Utrecht, The Netherlands, December 5–7, 2016</p>	
<p>Dirk M. Reichardt (Editor), Proceedings of the 7th Workshop Emotion and Computing - Current Research and Future Impact, Koblenz, Germany, September 2013, ISSN 1865-6374</p>	
<p>Dirk M. Reichardt (Editor), Proceedings of the 6th Workshop Emotion and Computing - Current Research and Future Impact, Saarbrücken, Germany, September 2012, ISSN 1865-6374</p>	
<p>Y.Zajontz, V.Kollmann, M.Kuhn, D.Reichardt , "An experimental triangulative research design for analyzing consumer behavior", in Proceedings of the 5th Workshop Emotion and Computing - Current Research and Future Impact, Berlin, Germany, October 2011, ISSN 1865-6374</p>	
<p>Dirk M. Reichardt (Guest Editor), KI - Künstliche Intelligenz (2011), Springer Verlag, Special Issue on Emotion and Computing, 2011</p>	
<p>Dirk M. Reichardt (Editor), Proceedings of the 5th Workshop Emotion and Computing - Current Research and Future Impact, Berlin, Germany, October 2011, ISSN 1865-6374</p>	
<p>Dirk M. Reichardt (Editor), Proceedings of the 4th Workshop Emotion and Computing – Current Research and Future Impact, Paderborn, Germany, September 15th, 2009, ISSN 1865-6374</p>	
<p>K. Göttlicher, S.Stein, D.Reichardt, „Effects of Emotional Agents on Human Players in the Public Goods Game“, in: Proceedings of the International Conference on Affective Computing &amp; Intelligent Interaction (ACII), 10-12 Sep 2009, Amsterdam, The Netherlands. IEEE Computer Society Press. ISBN 978-1-4244-4800-5</p>	
<p>Dirk M. Reichardt, "Towards Virtual Emotions and Emergence of Social Behaviour", in: Proceedings of the 8th International Conference on Intelligent Virtual Agents (IVA'08), Tokyo, Japan, 2008</p>	
<p>Dirk M. Reichardt, "Approaching Driver Models Which Integrate Models Of Emotion And Risk", in: Proceedings of the Intelligent Vehicles Symposium 2008, Eindhoven, The Netherlands, 2008</p>	
<p>Dirk M. Reichardt, "Emotion and Personality in Driver Assistance Systems", in: Weghorn (ed.), Proceedings of the 4th Annual Meeting for Information Technology and Computer Science at the BA – University of Cooperative Education, Stuttgart, Germany, 2008</p>	

## Publikationen

Dirk M. Reichardt, "A Definition Approach for an ,Emotional Turing Test"", in: Proceedings of the Second International Conference on Affective Computing and Intelligent Interaction, ACII 2007, Ana Paiva, Rui Prada, Rosalind W. Picard (Editors), Lisbon, Portugal, September 2007, LNCS 4738, Springer Verlag, 2007

Dirk M. Reichardt, "Interpretation of Intensity Variables for an Emotional Agent in the Public Goods Game", in: Proceedings of the 2nd Workshop Emotion and Computing – Current Research and Future Impact, Dirk Reichardt, Paul Levi (Editors), Osnabrück, Germany, September 10th, 2007, ISSN 1865-6374

Dirk M. Reichardt, "Emotional Computing – Modelling and Sociological Aspects", in: Weghorn (ed.), Proceedings of the 3rd Annual Meeting for Information Technology & Computer Science at the BA – University of Cooperative Education, Stuttgart, Germany, 2006

Dirk M. Reichardt, "Will Artificial Emotional Agents Show Altruistic Punishment In The Public Goods Game?", in Proceedings of the 1st Workshop Emotion and Computing Current Research and Future Impact, Reichardt, D., Levi P., Meyer, J.-J.Chr. (Editors), 29th Annual German Conference on Artificial Intelligence, Bremen, 2006, ISBN 3-88722-664-X

S. Maoro, Dirk M. Reichardt: "Approaches to Vision Based Emotion Recognition Using Neural Networks", in: Weghorn (ed.), Proceedings of the 2nd Annual Meeting for Information Technology & Computer Science at the BA-University of Cooperative Education, Stuttgart, Germany, 2005

S. Belgardt, N. Schwan, Dirk M. Reichardt: "Towards a Presentation Mirror: First Steps in Using the BlueWand Technology for Gesture Analysis", in: Weghorn (ed.), Proceedings of the 2nd Annual Meeting for Information Technology & Computer Science at the BA-University of Cooperative Education, Stuttgart, Germany, 2005

Dirk M. Reichardt: "Applying Computer Science Methods to User Emotion Recognition", in: Weghorn (ed.), Proceedings of the 1st Annual Meeting for Information Technology & Computer Science at the BA-University of Cooperative Education, Stuttgart, Germany, 2004, ISSN 1614-2519

### Weitere Forschungstätigkeit

Workshop: "[Autonomous agents for automated driving](#)", Dirk Reichardt, Baden-Württemberg Cooperative State University Stuttgart, and Dr. Stefan Gehrig, Daimler AG, Germany, Interdisciplinary College (IK2015), März 2015

HRI2014 – Workshop „Applications for Emotional Robots“, Member of the Program Committee

ERM4HCI 2014 - 2nd International Workshop on Emotion Representations and Modelling for HCI Systems, Member of the Program Committee

Dirk M. Reichardt, „Learning as Persuasion“ , Presentation @ International Workshop on Tools and Technologies for Emotion Awareness in Computer-Mediated Collaboration and Learning (ARV), Villard-de-Lans, 2013

Mitglied des Executive Committee des Interdisciplinary College (IK) zum Fokusthema "Emotion and Aesthetics", sowie Workshop: Emotional Computing, März 2012

Gründer und Koordinator der Workshop-Reihe im Rahmen der KI Konferenz: "Workshop Emotion and Computing – Current Research and Future Impact", seit 2006, [www.emotion-and-computing.de](http://www.emotion-and-computing.de)

## **Publikationen**

### **B. Veröffentlichung von Arbeiten bei der Daimler Chrysler AG**

Die nachfolgenden Arbeiten wurden in der DaimlerChrysler Forschung durchgeführt und sind von der DaimlerChrysler AG (heute Daimler AG) genehmigte Veröffentlichungen.

D. Neumerkel, P. Rammelt, D. Reichardt, W. Stolzmann, A. Vogler, "Fahrermodelle - ein Schlüssel für unfallfreies Fahren?", in : KI-Journal Themenheft Benutzermodellierung, 2002

D. Reichardt, M. Miglietta, L. Moretti, P. Morsink, W. Schulz, "CarTALK 2000 - Safe and Comfortable Driving Based Upon Inter-Vehicle Communication", Proceedings of the Intelligent Vehicles Symposium, Versailles, 2002

I. Dagli, D. Reichardt, "A Motivation-based Approach to Behavior Prediction", Proceedings of the Intelligent Vehicles Symposium, Versailles, 2002

D. Reichardt, "Using Automated Assistance Systems - Putting The Driver into Focus", Proceedings of the Intelligent Vehicles Symposium, Stuttgart, 1998

D. Reichardt, "Kontinuierliche Verhaltenssteuerung eines autonomen Fahrzeugs in dynamischer Umgebung", Dissertation, Universität Kaiserslautern, 1996

D. Reichardt, "A Real-time Approach to Traffic Situation Representation from Image Processing Data", Proceedings of the Intelligent Vehicles Symposium, Detroit, MI, USA, 1995

D. Reichardt, "Kollisionsvermeidung in dynamischen Welten", KIFS, 1995 (Vortrag)

D. Reichardt, J. Schick, "Collision Avoidance in dynamic environments applied to autonomous vehicle guidance on the motorway", Proceedings of the Intelligent Vehicles Symposium, Paris, 1994

B. Besserer, S. Estable, B. Ulmer und D. Reichardt, "Shape Classification for Traffic Sign Recognition", IFAC, Southamton, 1993

Dirk Reichardt, "Ähnlichkeitsbasierte Verkehrszeichenerkennung", Diplomarbeit, Universität Kaiserslautern, 1992

### **C. Veröffentlichungen im Rahmen des Studiums der angewandten Psychologie**

Dirk Reichardt, "Kommunikation im Netz - Internet, Chat, Liebe und etwas Psychologie", BOD, 2001

Dirk Reichardt, "Kommunikationsverhalten im Internet", Diplomarbeit, IAPP Düsseldorf, 2000