Bibliography

- 1. **Vallino, Jim.** "Interactive Augmented Reality". *PhD Thesis*. Rochester, USA: University of Rochester, 1998.
- 2. **The EDUCAUSE Learning Initiative.** 7 things you should know about Augmented Reality. *EDUCAUSE Learning Initiative*. [Online] Sep. 2005. [Cited: Aug. 20, 2010.] http://www.educause.edu/ELI/7ThingsYouShouldKnowAboutAugme/156810.
- 3. **Stephen Cawood, Mark Fiala.** *Augmented Reality, A Practical Guide.* 2007-12-19. USA: The Pragmatic Bookshelf, 2008, pp. 11-12.
- 4. A Survey of Augmented Reality. Azuma, Ronald T. 6, s.l.: Hughes Research Laboratories; , Aug. 1997, Teleoperators and Virtual Environments, Vol. 4, pp. 355-385.
- 5. **Dieter Schmalstie, and Gerhard Reitmayr.** Augmented Reality as a Medium for Cartography. Austria, UK: Graz University of Technology, University of Cambridge.
- 6. A Head -Mounted Three-Dimensional Display. Sutherland, Ivan E. 1968. AFIPS Conference. Vols. 33, Part I, pp. 757-764.
- 7. The Ultimate Display. Sutherland, Ivan E. s.l.: IFIP Congress, 1965. pp. 506-508.
- 8. Augmented Reality: An Application of Heads-Up Display Technology to Manual Manufacturing Processes. Caudell, Thomas P. and David W. Mizell. USA: s.n., 1992. Hawaii International Conference on System Sciences. pp. 659-669.
- 9. **Marwa Awad, and Alexander Dziadosz.** Egypt's education system needs an overhaul. *Reuters*. [Online] Oct. 06, 2010. [Cited: Oct. 08, 2010.] http://www.reuters.com/article/idUSTRE69530C20101006.
- 10. **Lens-Fitzgerald, Maarten.** sprxmobile. *The Augmented Reality Hype Cycle*. [Online] Apr 2009. [Cited: Aug. 20, 2010.] http://www.sprxmobile.com/the-augmented-reality-hype-cycle/.
- 11. A Taxonomy of Mixed Reality Virtual Displays. Milgram, Paul, and Fumio Kishino. s.l.: IEICE Transactions on Information and Systems, 1994. pp. 1321-1329.
- 12. Mediated Reality with implementations for everyday life. Mann, Steve. s.l.: MIT Press journal PRESENCE, 2002.
- 13. Heilig, Morton L. Sensorama Simulator. 3050870 United States, Aug. 28, 1962.
- 14. —. Experience Theater. 3469837 United States, Sep. 30, 1969.
- 15. —. Stereoscopic-Televesion. 2955156 United States, Oct. 4, 1960.
- 16. **Diggins, Daniel.** ARLib: A C++ Augmented Reality Software Development Kit. *MSc Thesis*. s.l.: Bournemouth University, 2005.
- 17. **Pilet, Julien.** Augmented reality for non-rigid surfaces. *PhD Thesis*. Switzerland: Computer Vision Laboratory CVLAB, Faculté Informatique et Communications, 2008.

- 18. **Hickey, Hannah.** Contact lenses with circuits, lights a possible platform for superhuman vision. *University of Washington News and Information*. [Online] Jan. 17, 2008. [Cited: Sep. 20, 2010.] http://uwnews.org/article.asp?articleID=39094.
- 19. **Dennis Joele, C.A.P.G. van der Mast, and María Carmen Juan-Lizandra.** Development of an Augmented Reality system using ARToolKit and user invisible markers. *MSc Thesis.* The Netherlands, and Spain: Delft University of Technology, and Technical University of Valencia, May. 2005.
- 20. **Raskar, Oliver Bimber and Ramesh.** Augmented Reality Displays. *Spatial Augmented Reality Displays*. July 31, 2005. United States of America: s.n., 2005, pp. 72-91.
- 21. **Krueger, Myron W.** Addition of Olfactory Stimuli to Virtual Reality Simulations for Medical Training Applications. *U.S. Army Medical Research and Materiel Command.* Fort Detrick, Frederick, Maryland: s.n., November 1996.
- 22. Cakmakci, Jannick Rolland & Ozan. The Past, Present, and Future of Head Mounted Display Designs. s.l.: University of Central Florida, Feb. 2005.
- 23. **Gao, Hong Hua and Chunyu.** A Polarized Head-Mounted Projective Display, The University of Arizona. Urbana: Tucson ,and University of Illinois Urbana-Champaign, Oct. 2005.
- 24. Head-Mounted Projective Display. *VR Geek's Blog*. [Online] Mon 8, 2006. [Cited: Aug 20, 2010.] http://cb.nowan.net/blog/2006/05/08/head-mounted-projective-display/.
- 25. **Hirose, Ryugo Kijima & Michit.** A compound Virtual Environment Using the Projective Head Mounted Display. Universe of Tokyo: s.n.
- 26. A Retinal Display for Virtual-Environment Applications. Kollin, J. Digest of Technical Papers: s.n., 1993. Society for Information Display, 1993 International Symposium. Vol. XXIV., p. 827.
- 27. **Alex Kozlov, and Bruce MacDonald & Burkhard Wünsche.** Towards Improving SLAM Algorithm Development using Augmented Reality. Auckland, New Zealand: University of Auckland.
- 28. Gabriel Takacs, Vijay Chandrasekhar, Natasha Gelfand, Yingen Xiong, Wei-Chao Chen, Thanos Bismpigiannis, Radek Grzeszczuk, Kari Pulli, and Bernd Girod. Outdoors Augmented Reality on Mobile Phone using Loxel-Based Visual Feature Organization. s.l.: Stanford University, and Nokia Reseach Center.
- 29. Sixth Sense. [Online] http://www.pranavmistry.com/projects/sixthsense/.
- 30. **Leonardo Bonanni, Chia-Hsun Lee, and Ted Selker.** CounterIntelligence: Augmented Reality Kitchen. s.l.: MIT Media Laboratory.
- 31. Markus Löchtefeld, Johannes Schöning, Michael Rohs, and Antonio Krüger. Little Projected Planet: An Augmented Reality Game for Camera Projector Phones. Berlin: Institute for Geoinformatics University of Münster, German Research Center for Artificial Intelligence (DFKI), and Deutsche Telekom Laboratories.

- 32. Paul Beardsley, Clifton Forlines, Ramesh Raskar, and Jeroen VanBaar. Handheld Projectors for Mixing Physical and Digital Textures. s.l.: Mitsubishi Electric Research Labs, and Cambridge.
- 33. Wei Zhu1, Charles B. Owen, Hairong Li, and Joo-Hyun Lee. Design of the PromoPad: an Automated Augmented Reality Shopping Assistant. s.l., Michigan, USA: Michigan State University East Lansing, and Department of Computer Science and Engineering Department of Advertising, Aug. 2006.
- 34. Ramesh Raskar, Greg Welch, and Wei-Chao Chen. Outdoors Table-Top Spatially-Augmented Reality: Bringing Physical Models to Life with Projected Imagery. s.l.: University of North Carolina at Chapel Hill.
- 35. **Blanksteen, Gregory Baratoff and Scott.** Tracking Devices. *Human Interface Technology Laboratory*. [Online] Nov 06, 2010. http://www.hitl.washington.edu/scivw/EVE/I.D.1.b.TrackingDevices.html.
- 36. Inertial Navigation Forty Years of Evolution. King, A. D. 3, s.l.: GEC Review, 1998, Vol. 13, pp. 140-149.
- 37. Fray Adib, Seattle, and Wash. Magnetic Sensor For Jaw Tracking Device. 4765345 United States, Aug. 23, 1988.
- 38. Devices, The UNC Tracker Project 6D Pose Estimation for Humans and. cs.unc.edu. [Online] [Cited: 02 Jan, 2011.] http://www.cs.unc.edu/~tracker/#Anchor-Publications-14401.
- 39. ARToolKit. *Human Interface Technology Laboratory*. [Online] Nov. 20, 2010. http://www.hitl.washington.edu/artoolkit/ .
- 40. ARTAG. [Online] Nov. 20, 2010. http://www.artag.net/.
- 41. ARToolKitPlus for Pose Tracking on Mobile Devices. Wagner, D., Schmalstieg, D. s.l.: 12th Computer Vision Winter Workshop (CVWW'07), 2007. pp. 139-146.
- 42. NyARToolkit. [Online] Nov. 20, 2010. http://nyatla.jp/nyartoolkit/.
- 43. FLARToolkit. [Online] Nov. 20, 2010. http://www.libspark.org/wiki/saqoosha/FLARToolKit/en .
- 44. FLARManager. [Online] Nov. 20, 2010. http://words.transmote.com/wp/flarmanager/
- 45. Studierstube Augmented Reality . *GRAZ UNIVERSITY OF TECHNOLOGY*. [Online] [Cited: Dec. 10, 2010.] http://studierstube.icg.tu-graz.ac.at/.
- 46. Goblin XNA. *CodePlex*. [Online] [Cited: Jan 2, 2011.] http://goblinxna.codeplex.com/.
- 47. OSGART,ARToolKit for OpenSceneGraph. *HITLab NZ*. [Online] Jan 02, 2011. http://www.artoolworks.com/community/osgart/index.html.
- 48. Case Studies of See-Through Augmentation in Mixed Reality Projects. Kiyohide Satoh, Toshikazu Ohshima, Hiroyuki Yamamoto, and Hideyuki Tamura. s.l.: Mixed Reality Systems Laboratory Inc, 1998. IWAR'98.
- 49. Visual servoing-based augmented reality. V. Sundareswaran, R. Behringer. San Francisco: s.n., 1998. IEEE Int. Workshop on Augmented Reality.

- 50. A fast and robust line-based optical tracker for augmented reality applications. **D. Stricker, G. Klinker, and D. Reiners.** San Francisco, Calif, USA: s.n., 1998. in Proceedings of the 1st International Workshop on Augmented Reality (IWAR '98). pp. 129–145.
- 51. A Multi-ring Color Fiducial System and A Rule-Based Detection Method for Scalable Fiducial-Tracking Augmented Reality. Youngkwan Cho, Jong Weon Lee, and Ulrich Neumann. San Francisco: University of Southern California, 1998. IEEE Int. Workshop on Augmented Reality.
- 52. Fusion of Data from Head-Mounted and Fixed Sensors. **Hoff, W.A.** 1998. First Int'l Workshop Augmented Reality.
- 53. Natural Feature Tracking for Extendible Robust Augmented Realities. Jun Park, Suya You, and Ulrich Neumann. 1998. the First IEEE International Workshop on Augmented Reality (IWAR) '98.
- 54. Making Augmented Reality Work Outdoors Requires Hybrid Tracking. Azuma, Ronald T., Bruce R. Hoff, Howard E. Neely III, Ronald Sarfaty, Michael J. Daily, Gary Bishop, Vern Chi, Greg Welch, Ulrich Neumann, Suya You, Rich Nichols, and Jim Cannon. San Francisco, CA: s.n., 1998. the First International Workshop on Augmented Reality. pp. 219-224.
- 55. Spatially Augmented Reality. Raskar, Ramesh, Greg Welch, Henry Fuchs. San Francisco, CA: s.n., 1998. First IEEE Workshop on Augmented Reality (IWAR'98).
- 56. Augmented Realities Integrating User and Physical Models. Thad Starner, Bernt Schiele, Bradley J. Rhodes, Tony Jebara, Nuria Oliver, Joshua Weaver, and Alex Pentland. San Francisco, CA,: MIT Media Lab, 1998. International Workshop on Augmented Reality.
- 57. Augmented Reality for Construction Tasks: Doorlock Assembly. Reiners, Dirk, et al. San Francisco: s.n., 1998. IWAR'98, International Workshop on Augmented Reality.
- 58. AREAS: Augmented Reality for Evaluating Assembly Sequences. Jose Molineros, Vijaimukund Raghavan, and Rajeev Sharma. 1998. IWAR'98, International Workshop on Augmented Reality.
- 59. Enveloping Users and Computers in a Collaborative 3D Augmented Reality. Butz, A., Hollerer, T., Feiner, S., MacIntyre, B., and Beshers, C. San Francisco, CA.: s.n., 1999. 2nd IEEE and ACM International Workshop on Augmented Reality.
- 60. A Feasible Low-Power Augmented-Reality Terminal. Johan Pouwelse, Koen Langendoen, Henk Sips. San Francisco, CA.: s.n., 1999. 2nd IEEE and ACM International Workshop on Augmented Reality.
- 61. Marker Tracking and HMD Calibration for a Video-Based Augmented Reality Conferencing System. **Hirokazu Kato, Mark Billinghurst.** San Francisco, CA.: s.n. 2nd IEEE and ACM International Workshop on Augmented Reality.
- 62. Photometric Image-Based Rendering for Realizing Virtual Lighting Conditions in Image Synthesis. al, Yasuhiro Makaigawa et. San Francisco, CA.: s.n. 2nd IEEE and ACM International Workshop on Augmented Reality.

- 63. *Information Filtering for Mobile Augmented Reality*. **S. Julier, et al.** 2000. IEEE and ACM International Symposium on Augmented Reality (ISAR'00). pp. 3-11.
- 64. Augmenting Buildings with Infrared Information. A. Butz, J. Baus, and A. Krüger. 2000. IEEE and ACM International Symposium on Augmented Reality (ISAR'00). pp. 93–96.
- 65. Virtual object manipulation on a table-top AR environment. **H. Kato, et al.** 2000. IEEE and ACM International Symposium on Augmented Reality (ISAR'00). pp. 111-119.
- 66. Markerless tracking using planar structures in the scene. Gilles Simon, Andrew W. Fitzgibbon, Andrew Zisserman. IEEE and ACM International Symposium on Augmented Reality (ISAR'00). p. 120.
- 67. Weakly Calibrated Video-based Augmented Reality: Embedding and Rendering through Virtual Camera. Hong, Y. Seo and K.S. 2000. IEEE and ACM International Symposium on Augmented Reality (ISAR'00). pp. 129-136.
- 68. Autocalibration of an electronic compass in an outdoor augmented reality system. **Bruce Hoff, Ronald Azuma.** pp.159. IEEE and ACM International Symposium on Augmented Reality (ISAR'00).
- 69. Single point active alignment method (SPAAM) for optical see-through HMD calibration for AR. Mihran Tuceryan, Nassir Navab. 2000. IEEE and ACM International Symposium on Augmented Reality (ISAR'00). p. 149.
- 70. The augmented man. Didier Stricker, Torsten Fr?hlich, Claudia S?ller-Eckert. 2000. IEEE and ACM International Symposium on Augmented Reality (ISAR'00). p. 30.
- 71. Design of a Component-Based Augmented Reality Framework. Martin Bauer, Bernd Brügge, Gudrun Klinker, Asa MacWilliams, Thomas Reicher, Stefan Riß, Christian Sandor, Martin Wagner. 2001. IEEE and ACM International Symposium on Augmented Reality (ISAR'01). pp. 45-54.
- 72. A Hybrid Registration Method for Outdoor Augmented Reality. Kiyohide Satoh, Mahoro Anabuki, Hiroyuki Yamamoto, Hideyuki Tamura. 2001. IEEE and ACM International Symposium on Augmented Reality (ISAR'01). p. 67.
- 73. Augmented Reality (AR) for Assembly Processes?? An Experimental Evaluation. Stefan Wiedenmaier, Olaf Oehme, Ludger Schmidt, Holger Luczak. 2001. IEEE and ACM International Symposium on Augmented Reality (ISAR'01). pp. 185-186.
- 74. Interactive Theatre Experience in Embodied + Wearable Mixed Reality Space. Adrian David Cheok, Wang Weihua, Xubo Yang, Simon Prince, Fong Siew Wan, Mark Billinghurst, Hirokazu Kato. 2002. IEEE and ACM International Symposium on Augmented Reality (ISAR'02). p. 59.
- 75. SenseShapes: Using Statistical Geometry for Object Selection in a Multimodal Augmented Reality System. Alex Olwal, Hrvoje Benko, Steven Feiner. s.l.: The Second IEEE and ACM International Symposium on Mixed and Augmented Reality, 2003. p. 300.

- 76. Capturing Water and Sound Waves to Interact with Virtual Nature. Marissa Díaz, Eduardo Hernández, Leonardo Escalona, Isaac Rudomín, Daniel Rivera. 2003. The Second IEEE and ACM International Symposium on Mixed and Augmented Reality, 2003. pp. 325-326.
- 77. User Interaction in Mixed Reality Interactive Storytelling. Marc Cavazza, Olivier Martin, Fred Charles, Xavier Marichal, Steven J. Mead. 2003. The Second IEEE and ACM International Symposium on Mixed and Augmented Reality, 2003. pp. 304-305.
- 78. Jellyfish Party: Blowing Soap Bubbles in Mixed Reality Space. Yasuhiro Okuno, Hiroyuki Kakuta, Tomohiko Takayama, Kazuhiro Asai. 2003. The Second IEEE and ACM International Symposium on Mixed and Augmented Reality, 2003.
- 79. BLADESHIPS: An Interactive Attraction in Mixed Reality. Masayuki Takemura, Shungo Haraguchi. 2003. The Second IEEE and ACM International Symposium on Mixed and Augmented Reality, 2003.
- 80. Recording and Reproducing High Order Surround Auditory Scenes for Mixed and Augmented Reality. **Zhiyun Li, Ramani Duraiswami, Larry S. Davis.** 2004. Third IEEE and ACM International Symposium on Mixed and Augmented Reality (ISMAR'04). pp. 240-249.
- 81. Potential of the ARToolKit for Use in Industrial AR Applications. **Hirokazu Kato, Mark Billinghurst.** 2005. Workshop on Industrial Augmented Reality, ISMAR2005.
- 82. *Unifeye SDK Mixed Reality Unique Solutions*. **Peter Meier, metaio Augmented Solutions**. 2005. Workshop on Industrial Augmented Reality, ISMAR2005.
- 83. ARTag Rev2 Fiducial Marker System: Vision based Tracking for AR. Mark Fiala, National Resarch Council of Canada. 2005. Workshop on Industrial Augmented Reality, ISMAR2005.
- 84. The DART Project: Building Real Tools for Real People. Maribeth Gandy and Blair MacIntyre, Georgia Institute of Technology. 2005. Workshop on Industrial Augmented Reality, ISMAR2005.
- 85. In-place 3D sketching for authoring and augmenting mechanical systems. Oriel Bergig, Nate Hagbi, Jihad El-Sana, Mark Billinghurst. 2009. Symposium on Mixed and Augmented Reality. Proceedings of the 2009 8th IEEE International Symposium on Mixed and Augmented Reality. pp. 87-94.
- 86. Andreas Dünser, Raphaël Grasset, and Mark Billinghurst. A Survey of Evaluation Techniques Used in Augmented Reality Studies. New Zealand: National University of Singapore The HIT Lab NZ, University of Canterbury.
- 87. **Feng Zhou, Henry Been-Lirn Duh, Mark Billinghurst.** Trends in Augmented Reality Tracking, Interaction and Display: A Review of Ten Years of ISMAR.
- 88. **Eva Hornecker, Andreas Dünser.** Of pages and paddles: Children's expectations and mistaken interactions with physical–digital tools. 2008.
- 89. Put a Spell game . [Online] Aug. 26, 2009. [Cited: Nov. 20, 2010.] http://thomaskcarpenter.com/2009/08/26/put-a-spell-argame-ogmento.

- 90. **Shelton, B. E.,and Hedley, N. R.** Using Augmented Reality for Teaching Earth-Sun Relationships to Undergraduate Geography Students. Sep. 29, 2002.
- 91. The MagicBook: a transitional AR interface. Mark Billinghurst, Hirokazu Kato, and Ivan Poupyrev. 5, Oct. 2001, ScienceDirect, Vol. 25, pp. 745-753.
- 92. Vampire Diaries Augmented Reality outdoor advertising campaign. [Online] Sep. 30, 2009. [Cited: Nov. 20, 2010.]
- 93. Doritos Sweet Chili Lover package. [Online] Apr. 02, 2009. [Cited: Nov. 20, 2010.] http://www.doritos.com.br/sweetchili/site/.
- 94. Mini Germany Demo . *Mini Cabrio*. [Online] [Cited: Nov. 20, 2010.] http://www.psfk.com/2008/12/mini-augmented-reality-advertising-a-reality.html .
- 95. Ray-Ban Virtual Mirror. [Online] [Cited: Oct. 10, 2010.] http://www.ray-ban.com/usa/science/virtual-mirror.
- 96. CannonBallz Game. [Online] [Cited: Oct. 20, 2010.] http://www.cannonballzthegame.com/ .
- 97. Rubberduckzilla. [Online] [Cited: Oct. 10, 2010.] http://www.rubberduckzilla.com/.
- 98. Living Sasquatch. [Online] [Cited: Dec. 2, 2010.] http://www.livingsasquatch.com/.
- 99. Human pacman: a wide area socio-physical interactive entertainment system in mixed reality. Adrian David Cheok, Kok Hwee Goh, Farzam Farbiz, Wei Liu, Yu Li, Siew Wan Fong, Xubo Yang, Sze Lee Teo. Vienna, Austria, Europe: s.n., 2004. Conference on Human Factors in Computing Systems. 1-58113-703-6.
- 100. Integrated Medical Workflow for Augmented Reality Application Proc. Denis Kalkofen, Bernhard Reitinger, Petter Risholm, Alexander Bornik, Reinhard Beichel, Dieter Schmalstieg, Eigil Samset. Copenhagen, Denmark: s.n., 2006. International Workshop on Augmented environments for Medical Imaging and Computer-aided Surgety (AMI-ARCS.
- 101. **Henry Fuchs, and Andrei Stat.** Augmented-Reality Medical Visualization Research. s.l.: Department of Computer Science, University of North Carolina at Chapel Hill, Feb. 2002.
- 102. Advanced training methods using an Augmented Reality ultrasound simulator. Blum, T. Heining, S.M. Kutter, O. Navab, N. Comput. Aided Med. Procedures & Augmented Reality (CAMP). 2009. Mixed and Augmented Reality, 2009. ISMAR 2009. 8th IEEE International Symposium . pp. 177 178.
- 103. An Augmented Reality System for Military Operations in Urban Terrain. Blum, T. Heining, S.M. Kutter, O. Navab, N. Comput. Aided Med. Procedures & Augmented Reality (CAMP). 2002. nterservice / Industry Training, Simulation & Education Conference (I/ITSEC) 2002. p. 89.
- 104. Situated Music: An Application to Interactive Jogging. Nobuchika Sakata, Takeshi Kurata, Masakatsu Kourogi, and Hideaki Kuzuoka. 2006. ISWC 2006 Student Colloquium.
- 105. **Joseph Rozier, Karrie Karahalios, and Judith Donath.** Hear&There: An Augmented Reality System of Linked Audio.

- 106. **Boger, Yuval.** " The 2008 HMD Survey: Are We There Yet?", second annual worldwide survey of head-mounted display requirements. s.l.: Sensics, Inc., Mar 2008.
- 107. **statistics, K zero.** [Online] [Cited: Nov 20, 2010.] http://www.kzero.co.uk/.
- 108. **OECD, The World Bank.** Reviews of National Policies for Education: Higher Education in Egypt 2010. Apr. 08, 2010.
- 109. **Ministry of Finance.** Closing Balance Sheet, State budget for the financial year 2008/2009. 2009.
- 110. **Forum, World Economic.** The Global Information Technology Report 2009-2010. 2010
- 111. **World Economic Forum.** *The Global Information Technology Report 2008-2009.* 2009.
- 112. ARSC: Augmented Reality Student Card. Neven A.M. El Sayed, Hala H. Zayed, and Mohamed.I. Sharawy. 56, s.l.: In the International Journal Computers & Education, May 2011, Vol. 4, pp. 1045-1061.
- 113. **Ministry of Education for the year.** *Statistical data of the Ministry of Education for the year 2008-2009.* 2009.