References

1. A. Smolic, and H. Kimata, Report on Status of 3DAV Exploration, *ISO/IEC JTC1/SC29/WG11*, Doc. no. N5558, Pattaya, Thailand, March 2003.
2. A. Smolic and H. Kimata, Applications and Requirements for 3DAV, *ISO/IEC JTC1/SC29/WG11 W5877*, Doc. no.W5877, Norway, July 2003.
3. Immersive media, http://www.immersivemedia.com/, 2014.
4. T.E. Boult, R.J. Micheals, M. Eckmann, X. Gao, C. Power, and S. Sablak, "Omnidirectional video applications", *Proceedings of the 8th International Symposium on Intelligent Robotic Systems*, 2000.
5. A. Smolic, and H. Kimata, Report on 3DAV Exploration, *ISO/IEC JTC1/SC29/WG11 W5878*, Doc. no. W5878, Norway, July 2003.
6. T. Fujii, and M. Tanimoto, "Multi-View Video Acquisition System for FTV Experiment", *ISO/IEC JTC1/SC29/WG11 N9472*, Doc. no. N9472, Pattaya, Thailand, March 2003.
7. A. Puri, R.V. Kollarits, and B.G. Haskell, "Basics of stereoscopic video, new compression results with MPEG-2 and a proposal for MPEG-4", *Signal Processing: Image Communication,* vol. 10, pp. 201–234, 1997.
8. The Optometrists Network, http://www.vision3d.com/stereo.html, 2014.
9. 3-D Media Cluster, Three-Dimensional Community, http://www.3diim-cluster.eu/, May 2014.
10. L.M.J. Meesters, W.A. IJsselsteijn, and P.J.H. Seuntins, "Survey of perceptual quality issues in three-dimensional television systems", *Proceedings of the SPIE* Stereoscopic Displays and Virtual Reality Systems X, vol. 5006, no., pp. 313–326, 2003.
11. A. Woods, T. Docherty, and R. Koch, "Image Distortions in Stereoscopic Video Systems", *Proceedings of the SPIE: Stereoscopic Displays and Applications IV*, vol. 1915, pp. 36–48, San Jose, CA, Feb. 1993.
12. Stereo3D.com, http://www.stereo3d.com/vidrec.htm, 2014.
13. M. Pollefeys, R. Koch. M. Vergauwen, and G.L. Van, "Hand-Held Acquisition of 3D Models with a Video Camera", *Proceedings of Second International Conference on 3-D Digital Imaging and Modelling*, pp. 14–23, October 1999.
14. O. Wilinski, and K. Van Overveld, "Depth From Motion Using Confidence Based Block Matching", *Proceedings of Image and Multidimensional Signal Processing Workshop*, pp. 159–192, July 1998.
15. P. Harman, J. Flack, S. Fox, and M. Dowley, "Rapid 2D to 3D conversion", *Proceedings of the SPIE: Stereoscopic Displays and Virtual Reality Systems IX*, vol. 4660, pp. 78–86, 2002.
16. Blue Box, http://www.philips.com/global/en/gmm/images/3d/3dcontentceationproducts/downloads/BlueBox_white_paper.pdf, 2014.
17. M. Kawakita, T. Kurita, H. Kikuchi, Y. Yamanouchi, S. Inoue, and K. Iizuka, "High-definition three-dimension camera: HDTV version of an axi-vision camera", *NHK Laboratories Note*, vol. 479, 2002.

18. G. Iddan, and G. Yahav, "3D imaging in the studio (and elsewhere…)", *Proceedings of the SPIE 4298*, vol. 4298, pp. 48–55, 2001.
19. M. Kawakita, K. Lizuka, T. Aida, H. Kikuchi, H. Fujikake, J. Yonai, and K. Takizawa, "Axi-vision camera (real-time distance-mapping camera)", *Applied Optics*, vol. 39, no. 22, pp. 3931–3939, 2000.
20. L. McMillan, "An Image-Based Approach to Three-Dimensional Computer Graphics", *PhD book*, University of North Carolina at Chapel Hill, Chapel Hill, NC, USA, 1997.
21. W.R. Mark, "Post-Rendering 3D Image Warping: Visibility, Reconstruction, and Performance for Depth-Image Warping", *PhD book*, University of North Carolina at Chapel Hill, Chapel Hill, NC, USA, Apr.1999.
22. R.I. Hartley, and A. Zisserman, *Multiple View Geometry in Computer Vision*, Cambridge University Press, Cambridge, UK, 2000.
23. G. Xu, and Z. Zhang, *Epipolar Geometry in Stereo, Motion and Object Recognition*, Kluver Academic Publishers, Dordrecht, The Netherlands, 1996.
24. C. Fehn, "Depth-image-based rendering (DIBR), compression and transmission for a new approach on 3D-TV", *in Proc. SPIE Conf. Stereoscopic Displays and Virtual Reality Systems XI*, vol. 5291, pp. 93–104, CA, U.S.A., Jan. 2004.
25. P. Milgram, and M. KrAuger, "Adaptation Effects in Stereo Due to On-line Changes in Camera Configuration", *In Proc. of SPIE Stereoscopic Displays and Applications '92*, pp. 122–134, San Jose, CA, USA, Feb. 1992.

26. J. Shade, S. Gortler, L.W. He, and R. Szeliski, "Layered Depth Images," *in Proc. of ACM SIGGRAPH'98*, pp. 231–242, Orlando, FL, USA, July 1998.
27. C. Fehn, R. De La Barre, and S. Pastoor, "Interactive 3-D TV: Concepts and Key Technologies", *Proceedings of the IEEE*, vol. 94, pp. 524–538, 2006.
28. Text of ISO/IEC FDIS 23002-3 Representation of Auxiliary Video and Supplemental Information, *ISO/IEC JTC1/SC29/WG11 N8768*, Doc. N8768, Marrakesh, Morocco, Jan. 2007.
29. P. Merkle, A. Smolic, K. Muller, and T. Wiegand, "Multi-View Video Plus Depth Representation and Coding, *IEEE International Conference on Image Processing (ICIP'07)*, pp. 201–204, San Antonio, TX, Oct 2007.
30. C. Fehn, K. Schuur, I. Feldmann, P. Kauff, and A. Smolic, "Distribution of ATTEST test sequences for EE4 in MPEG 3DAV", *ISO/IEC JTC1/SC29/WG11 MPEG02/M9219*, Doc. no. M9219, Awaji Island, Dec. 2002.
31. C.L. Zitnick, S.B. Kang, M. Uyttendaele, S. Winder, and R. Szeliski, "High-quality video view interpolation using a layered representation", *ACM SIGGRAPH and ACM Trans. on Graphics*, pp. 600–608, Los Angeles, CA, Aug. 2004.
32. Information technology – Coding of audio-visual objects – Part 10: Advanced Video Coding, *ISO/IEC JTC 1/SC 29 14496-10:2008*, 2008.
33. T. Wiegand, and G.J. Sullivan, "Overview of the H.264/AVC Video Coding Standard", *IEEE Transactions on Circuits and Systems for Video Technology*, vol. 13, no. 7, pp. 560–576, July 2003.
34. J. Ostermann, J. Bormans, P. List, D. Marpe, M. Narroschke, F. Pereira, T. Stockhammer, and T. Wedi, "Video coding with H.264/AVC: Tools, Performance, and Complexity", *IEEE Circuits and Systems Magazine*, vol. 4, no. 1, pp. 7–28, First Quarter 2004.
35. T. Stockhammer, M. Miska, M. Hannuksela, and T. Wiegand, "H.264/AVC in Wireless Environments", *IEEE Transactions on Circuits and Systems for Video Technology*, vol. 13, no. 7, pp. 657–673, July 2003.
36. S. Wenger, "H.264/AVC over IP", *IEEE Transactions on Circuits and Systems for Video Technology*, vol. 13, no. 7, pp. 645–656, July 2003.
37. C.T.E.R. Hewage, H. Kodikara Arachchi, T. Masterton, A.C. Yu, H. Uzuner, S. Dogan, and A.M. Kondoz, "Content Adaptation for Virtual Office Environment Using Scalable Video Coding", *Proceedings of the 16th IST Mobile and Wireless Communications Summit (IST Summit'07)*, pp. 1–5, Budapest, Hungary, July 2007.
38. B. Pesquet-Popescu, and V. Bottreau, "Three-dimensional lifting schemes for motion-compensated video compression," *Proceedings of ICASSP*, vol. 3, pp. 1793–1796, May 2001.
39. N. Mehrseresht, and D. Taubman, "An Efficient Content-Adaptive MC 3D-DWT with Enhanced Spatial and Temporal Scalability", *IEEE International Conference on Image Processing (ICIP'04)*, vol. 2, pp. 1329–1332, Oct. 2004.
40. T. Wiegand, G. J. Sullivan, J. Reichel, H. Schwarz, and M.Wien, "Joint Draft ITU-T Rec. H.264|ISO/IEC 14496-10 / Amd.3 Scalable video coding", *ISO/IEC JTC1/SC29/WG11 and ITU-T SG16 Q.6 Doc. JVT-X201*, Doc. JVT-X201, Geneva, Switzerland, July 2007.

41. H. Schwarz, D. Marpe, and T. Wiegand, "Overview of the Scalable Video Coding Extension of the H.264/AVC Standard", *IEEE Transactions on Circuits and Systems for Video Technology*, vol. 17, no 9, pp. 1103–1120, Sept. 2007.
42. E. Itakura, S. Futemma, W. Guijin, and K. Yamane, "JPEG2000 based real-time scalable video communication system over the Internet", *Second IEEE Consumer Communications and Networking Conference, CCNC'05*, pp. 539–543, Jan. 2005.
43. S. Wenger, Y.-K. Wang, T. Schierl, and A. Eleftheriadis, "Internet-Draft RTP Payload Format for SVC Video", *draft-ietf-avt-rtp-svc-14.txt*, September 2008.
44. A. Smolic, K. Mueller, N. Stefanoski, J. Ostermann, A. Gotchev, G.B. Akar, G. Triantafyllidis, and A. Koz, "Coding Algorithms for 3DTV – A Survey", *IEEE Transactions on Circuits and Systems for Video Technology*, vol. 17, no. 11, pp. 1606–1621, Nov. 2007.
45. P. Merkle, K. Muller, A. Smolic, and T. Wiegand, "Statistical Evaluation of Spatio-Temporal Prediction for Multi-View Video Coding", *2*nd *Workshop on Immersive Communication and Broadcast Systems (ICOB'05)*, Berlin, Germany, October 2005.
46. P. Merkle, K. Muller, A. Smolic, and T. Wiegand, "Efficient Compression of Multi-View Video Exploiting Inter-View Dependencies Based on H.264/MPEG4-AVC", *IEEE International Conference on Multimedia and Expo (ICME'06)*, Toronto, Ontario, Canada, July 2006.
47. E. Ekmekcioglu, S.T. Worrall, and A.M. Kondoz, "Low-delay random view access in multi-view coding using a bit-rate adaptive down-sampling approach", *IEEE International Conference on Multimedia and Expo*, pp. 745–748, April 2008.
48. B. Balasubramaniyam, E. Edirisinghe, and H. Bez, "An extended H.264 CODEC for stereoscopic video coding", *Proceedings of SPIE – The International Society for Optical Engineering*, pp. 116–126, 2005.
49. A. Redert, E. Hendriks, and J. Biemond, "Correspondence Estimation in Image Pairs", *IEEE Signal Processing Magazine*, vol. 16, no. 3, pp. 29–46, May 1999.
50. M.S. Moellenho, and M.W. Maier, "DCT Transform Coding of Stereo Images for Multimedia Applications", *IEEE Transactions on Industrial Electronics*, vol. 45, no. 1, pp. 38–43, Feb. 1998.
51. M.G. Strintzis, and S. Malassiotis, "Object-based Coding of Stereoscopic and 3D Image Sequences", *IEEE Signal Processing Magazine*, vol. 16, no. 3, pp. 14–28, May 1999.
52. A. Aksay, C. Bilen, E. Kurutepe, T. Ozcelebi, G.B. Akar, M.R. Civanlar, and A.M. Tekalp, "Temporal and Spatial Scaling for Stereoscopic Video Compression", *IEEE 14th Eur. Signal Process. Conf. EUSIPCO 2006*, Florence, Italy, Sept. 2006.
53. L. Christodoulou, L. Mayron, H. Kalva, O. Marques, and B. Furht, "Design and Evaluation of 3-D Video System Based on H.264 View Coding", *International Workshop on Network and Operating Systems Support for Digital Audio and Video (NOSSDAV 2006)*, Newport, Rhode Island, May, 2006.
54. MPEG-2 Multiview profile, ISO/IEC 13818-2, AMD 3, Doc. no. N1366, 1996.

55. C. Fehn and A. Smolic, "Study of some MPEG Tools Related to 3-D-Video", *ISO/IEC JTC1/SC29/WG11 M8423*, Doc. no. M8423, Fairfax, May 2002.
56. H. Jia, W. Gao, and Y. Lu, "Stereoscopic Video Coding Based on Global Displacement Compensated Prediction", *IEEE ICICS-PCM 2003*, pp. 61–65, Singapore, Dec. 2003.
57. Generic Coding of Audio-Visual Objects – Part 2: Visual, ISO/IEC 14496-2, Doc. no. N4350, 2001.
58. M. Bourges-Sevenier, and E.S. Jang, "An introduction to the MPEG-4 animation framework eXtension", *IEEE Transactions on Circuits and Systems for Video Technology*, vol. 14, no. 7, pp. 928–936, July 2004.
59. C. Fehn, K. Schr, P. Kau, and A. Smolic, Coding Results for EE4 in MPEG 3DAV, *ISO/IEC JTC1/SC29/WG11 MPEG02/M9561* , Pattaya, March 2003.
60. G.B. Akar, A.M. Tekalp, C. Fehn, and M.R. Civanlar, "Transport Methods in 3DTV – A Survey", *IEEE Transactions on Circuits and Systems for Video Technology*, vol. 17, no. 11, pp. 1622–1630, Nov. 2007.
61. International Broadcasting Convention (IBC) 2008, "Transatlantic High Definition Stereoscopic 3D broadcast", Amsterdam, Netherland, September 2008. Available: http://eandt.theiet.org/magazine/2008/17/game-o-leapfrog-0817.cfm.
62. S. Pehlivan, A. Aksay, c. Bilen, G.B. Akar, and M.R. Civanlar, "End-to-End Stereoscopic Video Streaming System" *IEEE International Conference on Multimedia and Expo*, pp. 2169–2172, July 2006.

63. P. Kauff, O. Schreer, and R. Tanger, "Virtual team user environments – a mixed reality approach for immersive tele-collaboration" *In Proceedings of International Workshop Immersive Telepresense (ITP2002)*, pp. 1–4, Juan Les Pins, France, December, 2002.
64. R.M. Hayes, 3-D Movies: A History and Filmography of Stereoscopic Cinema, New York: McFarland, 1998.
65. R. Sand, "3D -TV – A review of recent and current developments", *in. Proc. IEE Colloq. Stereoscopic Television*, pp. 1–4, London, UK, Oct. 1992.
66. I. Yuyama, and M. Okui, "Stereoscopic HDTV", *in Three-Dimensional Television, Video, and Display Technologies*, B. Javidi and F. Okano, Eds. New York: Springer-Verlag, pp. 3–34, 2002.
67. N.H. Hur, C.H. Ahn, and C.T. Ahn, "Experimental Service of 3DTV Broadcasting Relay in Korea", *Three-Dimensional TV, Video and Display, Proc. SPIE 4864*, pp. 1–13, 2002.
68. P. Harman, "An architecture for digital 3-D broadcasting", *In Proc. SPIE Stereoscopic displays and virtual reality systems VI*, vol. 3639, pp. 254–259, Sanjose CA, January 1999.
69. J. Flack, P. Harman, and S. Fox, "Low bandwidth stereoscopic image encoding and transmission", *In Proc. SPIE Stereoscopic displays and virtual reality systems X*, vol. 5006, pp. 206–214, 2003.
70. J. van der Meer, and A. Bourge, "Carriage of Auxiliary Video Data", *ISO/IECJTC 1/SC 29/WG 11. FPDAM of ISO/IEC 13818-1:200X/AMD 2, WG 11*, Doc. N8094, Jul. 2006.
71. A.M. Tekalp, E. Kurutepe, and M.R. Civanlar, "3DTV over IP", *IEEE Signal Processing Magazine*, vol. 24, no. 6, pp. 77–87, Nov. 2007.
72. E. Kohler, M. Handley, and S. Floyd, "Datagram congestion control protocol (DCCP)", *Internet Engineering Task Force RFC 4340*, Mar. 2006.
73. S. Floyd, E. Kohler, and J. Padhye, "Profile for DCCP congestion control ID 3: TCP-friendly rate control (TFRC)", *Internet Engineering Task Force RFC 4342*, Mar. 2006.
74. N. Ozbek and A.M. Tekalp, "Content-aware bit allocation in scalable multiview video coding", *in Proc. Int. Workshop Multimedia Content Representat., Classificat. Security (MCRS)*, vol. 4105, pp. 691–698, 2006.
75. E. Kurutepe, M.R. Civanlar, and A.M. Tekalp, "A receiver-driven multicasting framework for 3DTV transmission", *presented at the 13th Eur. Signal Process. Conf. (EURASIP)*, Antalya, Turkey, Sep. 2005.
76. E. Kurutepe, M.R. Civanlar, and A.M. Tekalp, "Interactive transport of multiview videos for 3DTV applications", *J. Zhejiang Univ. Science A*, vol. 7, no. 5, pp. 830–836, 2006.
77. M. Bystrom, J.W. Modestino, "Combined source-channel coding schemes for video transmission over an additive white Gaussian noise channel", *IEEE Journal on Selected Areas in Communications*, vol. 18, no. 6, pp. 880–890, Jun 2000.
78. B. Kamolrat, W.A.C. Fernando, M. Mrak, A. Kondoz, "Joint source and channel coding for 3-D video with depth image – based rendering", *IEEE Transactions on Consumer Electronics*, vol. 54, no. 2, pp. 887–894, May 2008.

79. S. Argyropoulos, A.S. Tan, N. Thomos, E. Arikan, and M.G. Strintzis, "Robust transmission of multiview video streams using flexible macroblock ordering and systematic LT codes", *presented at the 3DTVCON*, Kos Island, Greece, May 2007.
80. A.S. Tan, A. Aksay, C. Bilen, G.B. Akar, and E. Arikan, "Error resilient layered stereoscopic video streaming", *presented at the 3DTVCON*, Kos Island, Greece, May 2007.
81. H.A. Karim, C.T.E.R. Hewage, S.T. Worrall, and A.M. Kondoz, "Scalable multiple description video coding for stereoscopic 3-D", *IEEE Transactions on Consumer Electronics*, vol. 54, no. 2, pp. 745–752, May 2008.
82. S. Belfiore, M. Grangetto, E. Magli and G. Olmo, "Concealment of whole frame losses for wireless low bit-rate video based on multi-frame optical flow estimation", *IEEE Transactions on Multimedia*, vol. 7, no. 2, pp. 316–329, 2005.
83. P. Baccichet, A. Chimienti, D. Bagni, F.S. Rovati, and L. Pe-zoni, "Frame Concealment for H.264/AVC decoders", *IEEE Transactions on Consumer Electronics*, vol. 51, no. 1, pp. 227–233, February 2005.
84. S. Knorr, C. Clemens, M. Kunter, and T. Sikora, "Robust concealment for erroneous block bursts in stereoscopic images", *In Proc. 2*nd *International Symposium 3-D Data Process., Visual., Transmission (3DPVT)*, pp. 820–827, 2004.
85. X. Xiang, D. Zhao, Q. Wang, X. Ji and W. Gao, "A novel error concealment method for stereoscopic video coding", *International conference on Image processing(ICIP-2007)*, pp. 101–104, 2007.
86. C. Bilen, A. Aksay and Gozde Akar, "Two novel methods for full frame loss concealment in stereo video", *In Proceedings of 26*th *Picture coding Symposium (PCS'07)*, 2007.
87. L. Pang, M. Yu, G. Jiang, Z. Jiang, and F. Li, "An Approach to Error Concealment for Entire Right Frame Loss in Stereoscopic Video Transmission", *International Conference on Computational Intelligence and Security,* vol. 2, pp. 1665–1670, Nov. 2006.
88. P. Benzie, J. Watson, P. Surman, I. Rakkolainen, K. Hopf, H. Urey, V. Sainov, and C. von Kopylow, "A Survey of 3DTV Displays: Techniques and Technologies", *IEEE Transactions on Circuits and Systems for Video Technology*, vol. 17, no. 11, pp. 1647–1658, November 2007.
89. B.T. Schowengerdt, and E.J. Seibel, "True 3-D scanned voxel displays using single and multiple light sources", *Journal Soc. Inf. Display*, vol. 14, no. 2, pp. 135–143, 2006.
90. D. Bahr, K. Langhans, M. Gerken, C. Vogt, D. Bezecny, and D. Homann, "Felix: A volumetric 3-D laser display", *in Proc. SPIE Projection Display. II*, vol. 2650, pp. 265–273, San Jose, CA, 1996.
91. S. DiVerdi, I. Rakkolainen, T. Hollerer, and A. Olwal, "A novel walkthrough 3-D display", *in Proc. SPIE, Stereoscop. Displ. Virt. Real. Syst. XIII*, vol. 6055, pp. 1–10, 2007.
92. L.H. Enloe, J.A. Murphy, and C. B. Rubinstein, "Hologram transmission via television", *Bell Syst. Tech. Journal*, vol. 45, no. 2, pp. 225–339, 1966.
93. P.M. Hubel, "Recent advances in colour reflection holography", *in Proc. SPIE, Practical Hologr. V, S.A. Benton, Ed.*, vol. 1461, pp. 167–174, 1991.
94. T.-C. Poon, "Three-dimensional television system using optical scanning holography and spatial light modulator", *Journal of Inf. Displ.*, vol. 3, no.12, 2002.

95. T.-C. Poon, "Recent progress in optical scanning holography", *Journal of Holography and Speckle*, vol. 1, pp. 6–25, 2004.
96. I.P. Howard and B. J. Rogers, *Seeing in Depth: Depth Perception*, vol. 2, I. Porteous Publishing, Toronto, Canada: 2002.
97. N.A. Dodgson, "Autostereoscopic 3-D displays", *Computer*, vol. 38, no. 8, pp. 31–36, 2005.
98. Sharp, "Sharp 3-D", Available: http://www.sharp.eu/cps/rde/xchg/eu/hs.xsl/-/html/aquos-3d-technology.htm, Sep 2014.
99. Philips, "Philips 3-D solutions", Available: http://www.philips.co.uk/c-p/BDL5071VS_00/signage-solutions-50-inch-edge-led-backlight-ultra-hd-autostereoscopic-3d/overview, 2014.
100. W. IJsselsteijn, H. de Ridder, and J. Vliegen, "Subjective evaluation of stereoscopic images: Effects of camera parameters and display duration", *IEEE Transactions on Circuits and Systems for Video Technology*, vol. 10, no. 2, pp. 225–233, 2000.
101. J. Freeman and S. Avons, "Focus group exploration of presence through advanced broadcast services", *Proceedings of the SPIE 3959*, pp. 530–539, 2000.
102. J.A.J. Roufs, "Perceptual image quality: Concept and measurement", *Philips Journal of Research 47*, pp. 35–62, 1992.
103. International Telecommunication Union/ITU Radio communication Sector, "Subjective Assessment of Stereoscopic Television Pictures", *ITU-R BT.1438*, Jan 2000.
104. International Telecommunication Union/ITU Radio communication Sector, "Methodology for the subjective assessment of the quality of television pictures", *ITU-R BT.500-11*, Jan 2002.

105. P. Seuntiens, L. Meesters, and W. Ijsselsteijn, "Perceived quality of compressed stereoscopic images: Effects of symmetric and asymmetric JPEG coding and camera separation", *ACM Transactions on Applied Perception (TAP)*, vol. 3, no. 2, pp. 95–109, April 2008.

106. A. Aksay, C. Bilen, and G. Bozdagi, "Subjective evaluation of effects of spectral and spatial redundancy reduction on stereo images", *13th European Signal Processing Conference*, Antalya, September 2005.

107. P. Seuntiens, L. Meesters, and W. IJsselsteijn, "Perceptual evaluation of JPEG coded stereoscopic images", *Proceedings of SPIE*, vol. 5006, pp. 215–226, 2003.

108. H.A. Karim, S. Worrall, A.H. Sadka, A. M. Kondoz, "3-D video compression using MPEG4-multiple auxiliary component (MPEG4-MAC)", *IEE 2nd International Conference on Visual Information Engineering (VIE2005)*, April 2005.

109. J. Kim, Y. Kim, and K. Sohn, "Stereoscopic video coding and disparity estimation for low bitrate applications based on MPEG-4 multiple auxiliary components", *Image Communication*, vol. 23, no. 6, pp. 405–416, July 2008.

110. M. Martini, C. Chen, Z. Chen, T. Dagiuklas, L. Sun, and X. Zhu, "Guest editorial: QoE-aware wireless multimedia systems," *IEEE Journal on Selected Areas in Communications*, vol. 30, no. 7, pp. 1153–1156, 2012.

111. P. Le-Callet, S. Moeller, and A. Perkis, "Qualinet white paper on definitions of quality of experience, version 1.1," *in European Network on Quality of Experience in Multimedia Systems and Services (COST Action IC 1003)*, June 2012.

112. K. Wang, M. Barkowsky, K. Brunnstrom, M. Sjostrom, R. Cousseau, and P. Le-Callet, "Perceived 3-D TV transmission quality assessment: Multi-laboratory results using absolute category rating on quality of experience scale," *IEEE Transactions on Broadcasting*, vol. 58, no. 4, pp. 544–557, 2012.

113. M. Lambooij, M. Fortuin, I. Heynderickx, and W. IJsselsteijn, "Visual discomfort and visual fatigue of stereoscopic displays: A review," *Journal of Imaging Science and Technology*, vol. 53, no. 3, pp. 30 201–1 – 30 201–14, May 2009.

114. G.J. Sullivan, J. Ohm, W.J. Han, and T. Wiegand, "Overview of the high efficiency video coding (HEVC) standard", IEEE Transactions on Circuits and Systems for Video Technology, vol. 22, no. 12, pp. 1649–1668, 2012.

115. L. Meesters, W. IJsselsteijn, and P. Seuntiens, "A survey of perceptual evaluations and requirements of three-dimensional TV," IEEE Transactions on Circuits and Systems for Video Technology, vol. 14, no. 3, pp. 381–391, March 2004.

116. M. Martini, C. Chen, Z. Chen, T. Dagiuklas, L. Sun, and X. Zhu, "Guest editorial: QoE-aware wireless multimedia systems," IEEE Journal on Selected Areas in Communications, vol. 30, no. 7, pp. 1153–1156, 2012.

117. P. Le-Callet, S. Moeller, and A. Perkis, "Qualinet white paper on definitions of quality of experience, version 1.1," in European Network on Quality of Experience in Multimedia Systems and Services (COST Action IC 1003), June 2012.

118. K. Wang, M. Barkowsky, K. Brunnstrom, M. Sjostrom, R. Cousseau, and P. Le-Callet, "Perceived 3D TV transmission quality assessment: Multilaboratory results using absolute category rating on quality of experience scale," IEEE Transactions on Broadcasting, vol. 58, no. 4, 2012.
119. J. Cutting and P. Vishton, Perceiving layout and knowing distances: The integration, relative potency, and contextual use of different information about depth, in Perception of Space and Motion, edited by W. Epstein and S. Rogers, pp. 69–117, 1995.
120. M. Lambooij, M. Fortuin, I. Heynderickx, and W. IJsselsteijn, "Visual discomfort and visual fatigue of stereoscopic displays: A review," Journal of Imaging Science and Technology, vol. 53, no. 3, pp. 30 201–1– 30 201–14, May 2009.
121. P. Seuntiens, L. Meesters, and W. Ijsselsteijn, "Perceived quality of compressed stereoscopic images: Effects of symmetric and asymmetric JPEG coding and camera separation," ACM Transactions on Applied Perception (TAP), vol. 3, no. 2, pp. 95–109, 2006.
122. A. Benoit, P. Le-Callet, P. Campisi, and R. Cousseau, "Quality assessment of stereoscopic images," EURASIP journal on image and video processing, vol. 2008, 2008.
123. C.T.E.R. Hewage, S.T. Worrall, S. Dogan, S. Villette, and A.M. Kondoz, "Quality evaluation of color plus depth map-based stereoscopic video," IEEE Journal of Selected Topics in Signal Processing, vol. 3, no. 2, pp. 304–318, 2009.
124. J. Seo, X. Liu, D. Kim, and K. Sohn, "An objective video quality metric for compressed stereoscopic video," Circuits, Systems, and Signal Processing, pp. 1–19, 2012.

125. M. Martini, M. Mazzotti, C. Lamy-Bergot, J. Huusko, and P. Amon, "Content adaptive network aware joint optimization of wireless video transmission," IEEE Communications Magazine, vol. 45, no. 1, pp. 84–90, 2007.

126. C.T.E.R. Hewage, and M.G. Martini, "Edge-based reduced-reference quality metric for 3-D video compression and transmission," IEEE Journal of Selected Topics in Signal Processing, vol. 6, no. 5, pp. 471–482, 2012.

127. Z. Sazzad, S. Yamanaka, Y. Kawayokeita, and Y. Horita, "Stereoscopic image quality prediction," in Proc. International Workshop on Quality of Multimedia Experience (QoMEX), 2009, pp. 180–185.

128. A. Maalouf and M. Larabi, "CYCLOP: a stereo color image quality assessment metric," in Proc. IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP), 2011, pp. 1161–1164.

129. M. Solh and G. AlRegib, "A no-reference quality measure for DIBR based 3D videos," in Proc. IEEE International Conference on Multimedia and Expo (ICME), 2011, pp. 1–6.

130. C.T.E.R. Hewage, S.T. Worrall, S. Dogan, H. Kodikaraarachchi, and A.M. Kondoz, "Stereoscopic TV over IP". *In: 4th European Conference on Visual Media Production;* 27–28 Nov 2007, London, U.K.

131. C.T.E.R. Hewage, S.T. Worrall, S. Dogan, and A.M. Kondoz, "A Novel frame concealment method for depth maps using corresponding colour motion vectors". *In: 3DTV Conference: The True Vision – Capture, Transmission and Display of 3D Video;* 28-30 May 2008, Istanbul, Turkey.

132. M.G. Martini, C.T.E.R. Hewage, S. Nasir, and S.T. Worrall, "Prioritized 3D video distribution over IEEE 802.11e", *In: Future Network & Mobile Summit;* 16 June–18 June 2010, Florence, Italy.

133. C.T.E.R. Hewage, Z. Ahmad, S.T. Worrall, S. Dogan, W.A.C. Fernando, and A.M. Kondoz, "Unequal Error Protection for backward compatible 3-D video transmission over WiMAX", *In: IEEE International Symposium on Circuits and Systems;* 24–27 May 2009, Taipei, Taiwan.

134. B. Randolph, "A neural theory of binocular rivalry", *Psychological review*, vol. 96, no. 1, pp. 145–167, 1989.