

Van Beurden, M.H.P.H., IJsselsteijn, W.A., Hopf, K 2011, 'User centered design of gesture-based interaction technology', 3DTV Conference: The True Vision - Capture, Transmission and Display of 3D Video (3DTV-CON), Antalya, pp.1-4

Fortuin, M.F., Lambooij, M.T., IJsselsteijn, W.A., Heynderickx, I., Edgar, D.F., & Evans, B.J.W., (2011). An exploration of the initial effects of stereoscopic displays on optometric parameters. *Ophthalmic and Physiological Optics*, 31, 33-44.

Van Beurden, M.H.P.H., IJsselsteijn, W.A., de Kort, Y.A.W 2011, 'User experience of gesture-based interfaces: A comparison with traditional interaction methods on pragmatic and hedonic qualities', *Workshop of Gesture in Embodied communication and Human-Computer Interaction* Athens, Greece, pp 121-124,

Van Beurden, M.H.P.H., IJsselsteijn, W.A., de Kort, Y.A.W 2011, 'Evaluating stereoscopic displays: both efficiency measures and perceived workload sensitive to manipulations in binocular disparity', *Proceedings of SPIE*, pp 78630- 786316

Van Beurden, M.H.P.H., & IJsselsteijn, W.A 2010, 'Range and variability in gesture-based interactions with medical images: Do non-stereo versus stereo visualization elicit different types of gestures?' Paper presented at IEEE VR workshop on medical virtual environments, Waltham, 20-24 March.

Van Beurden, M.H.P.H., & IJsselsteijn, W.A 2010, 'Performance of a path tracing task using stereo and motion based depth cues', Quality of Multimedia Experience (QoMEX), 2010 Second International Workshop, Trondheim pp.176-181, 21-23 June

Vermeirsch, K., Van Hoey, G., van Beurden, M., Surman, P (2011) Measurement and evaluation of head tracked auto-stereoscopic displays. *3DTV Conference: The True Vision - Capture, Transmission and Display of 3D Video (3DTV-CON)*, Antalya, pp.1-4

H. Baghsiahi, E. Willman, F. A. Fernández, David R. Selviah, S. E. Day, K. Aksit, S. Ölçer, A. Mostafazadeh, E. Erden, VC Kishore, H. Urey, P. A. Surman, Micro-optics for a Laser Based Auto-stereoscopic Multi-Viewer Display, Society for Information Display International Symposium Digest of Technical Papers 2011 Paper 48.4, <http://dx.doi.org/10.1889/1.3621421>

H. Urey, K. V. Chellephan, E. Erden, and P. Surman, "State of the Art in Stereoscopic and Autostereoscopic Displays," *Proc. IEEE*, 99 (4), 540-555 (2011). (*Invited paper*)

K. V. Chellephan, E. Erden, and **H. Urey**, "Laser-based displays: a review," *Applied Optics* Vol. 49 (Feature issue on Lasers: The first fifty years), Issue 25, pp. F79-F98, 2010. (*Invited paper*)

K. Aksit, S. Olcer, H. Baghsiahi, E. Erden, VC Kishore, D.R. Selviah, P. Surman, H. Urey "Laser scanning based light engine for auto-stereoscopic display system", in preparation for Optics Express.

K. V. Chellappan, E. Erden, H. Ürey, H. Baghsiahi, E. Willman, S. E. Day, D. R. Selviah, F. A. Fernandez, P. Surman, "Laser Scanning 3D Display with Dynamic Exit Pupil", Eurodisplay 2009, Rome, Italy, pp. 492-495, September 2009

E. Erden, K. V. Chellappan, H. Ürey, H. Baghsiahi, E. Willman, S. E. Day, D. R. Selviah, F. A. Fernandez, P. Surman, "Laser Scanning Based Autostereoscopic 3D Display with Pupil Tracking", IEEE LEOS Annual Meeting Proc. Vol. I and II, Antalya, Turkey, pp. 10-11, Oct 2009

E. Willman, H. Baghsiahi, F. A. Fernández, D. R. Selviah, S. E. Day, V. C. Kishore, E. Erden, H. Urey, and P. A. Surman, "The Optics of an Autostereoscopic Multiview Display," Digest of SID Annual Meeting, Paper: 16.4, pp. 222-225, Seattle, USA, May 2010

K. Aksit, S. Olcer, E. Erden, VC Kishore, H. Urey, E. Willman, H. Baghsiahi, S.E. Day, D.R. Selviah, F. Anibal Fernandez, "Light engine and optics for helium3d auto-stereoscopic laser scanning display". In 3DTV Conference: The True Vision-Capture, Transmission and Display of 3D Video (3DTV-CON), 2011, pages 1–4. IEEE.

K. Hopf, F. Neumann, D. Przewozny, "Multi-User Eye Tracking Suitable for 3D Display Applications",.CD-ROM Proceedings IEEE Catalog Number: CFP1155B-CDR, ISBN: 978-1-61284-160-1, 2011

M. Visser, K. Hopf, "Near and Far Distance Gesture Tracking for 3D Applications", CD-ROM Proceedings IEEE Catalog Number: CFP1155B-CDR, ISBN: 978-1-61284-160-1, 2011

Surman P, Hopf K, Sexton I, Lee WK, Bates R, "Solving the Problem -The History and Development of Viable Domestic 3DTV Displays", in Three-Dimensional Television, Capture, Transmission, Display, eds. Ozaktas, Onural, ISBN:978-3-540-72531-2, Springer, 2008

R Brar, P Surman, I Sexton, "Projection-based head-tracking 3-D displays", Journal of the SID, Volume 18, Issue 10, pp 844-854, Oct 2010

R Brar, P Surman, I Sexton, R Bates, WK Lee, K Hopf, F Neumann, SE Day, E Willman, "Laser-Based Head-Tracked 3D Display Research" J. Display Technol. 6, pp 531-543, 2010

R Brar, P Surman, I Sexton, K Hopf, "A Laser-scannig Head-Tracked Autostereoscopic Display", Journal of Information Display, Vol 11, Sep 2010

R Brar, P Surman, I Sexton, K Hopf, "A Time-multiplexed 3D Display Using Steered Exit Pupils", Journal of Information Display, Vol 11, No. 2, June 2010

I Sexton, R Bates, WK Lee, P Surman, K Hopf, F Neumann, A Corbett, E Buckley, "Laser Illuminated Multi Viewer 3D Displays", Proc. IMID 2008, pp1423-1426, Seoul, Oct 2008