



Research Outputs 2014

Research Articles

Blignaut, P.J. 2014. Mapping the pupil-glint vector to gaze coordinates in a simple video-based eye tracker. *Journal of Eye Movement Research* 7(1): 1-11.

Blignaut, P.J. & Wium, D. 2014. Eye-tracking data quality as affected by ethnicity and experimental design. *Behaviour Research Methods* 46: 67-80.

Nel, W. & De Wet, L. 2014. Dubbelsinnige websoekstringe: 'n Vergelyking van soekenjins en gebruikersinteraksies. *South African Journal for Science and Technology* 33(1): 1.

Book

Nel, W. & Van Biljon, A. 2014. Visual Basic for Applications: An introductory guide. Hennenman, South Africa: RiDan.

Chapters in Books

Beelders, T.R. & Blignaut, P.J. 2014. Gaze and speech: pointing device and text entry modality. In *Current trends in eye tracking research*, edited by M. Horsley, B.A. Knight, M. Eliot and R. Reilly. New York: Springer. pp: 51-75.

Berg, L. & Beelders, T.R. 2014. An eye-tracking account of reference points, cognitive affordance and multimodal metaphors. In *Multimodal Epistemologies: Towards an Integrated framework*, edited by A. Maiorani and C. Christie. New York: Routledge. pp. 13-25.

Blignaut, P.J., Holmqvist, K., Nyström, M. & Dewhurst, R. 2014. Improving the accuracy of video-based eye tracking in real time through post-calibration regression. *Current trends in eye tracking research*, edited by M. Horsley, B.A. Knight, M. Eliot and R. Reilly. New York: Springer. pp: 77-100.

De Wet, L. & Mabanza, N. 2014. Determining the usability effect of pedagogical interface agents on adult computer literacy training. In *E-learning paradigms and applications: Agent-based approach*, edited by M. Ivanovic and L.C. Jain. New York: Springer. pp. 145-171.