

Department of Computer Science and Informatics

University of the Free State

Research outputs - 2012

Research Articles

Kotze JE, Mcdonald T, (2012). A longitudinal patient record for patients receiving antiretroviral treatment. *Journal for New Generation Sciences*, 10 (1), 2012: pp. 49 - 62.

Messerschmidt JJE, Messerschmidt HJ, (2012). Voorwaardelike konstruksie met indien soos gebruik in wetenskaplike tydskrifte (deel 2: gemerkte konstruksies). *Tydskrif Vir Geesteswetenskappe*, 52 (2), June 2012: pp. 271 - 289.

De Wet L, Greeff F, Nel W, (2012). Comparing questionnaire and physiological usability testing results for a social network. *International journal of Information Technology and Computer Science (IJITCS)* , 3 May/June 2012: pp. 1 - 8.

Authored Books

Blignaut PJ, (2012). *Be Sharp with C#*. Edition:2nd , South Africa, Bloemfontein, PL3 Databases. 330 pp.. 9780620490689.

Beelders TR, Nel W, Campbell RB, (2012). *Databases: The programmer's guide*. Edition:1st, South Africa, Bloemfontein, Xerox. 149 pp1-141.

Research Reports

Blignaut PJ, Beelders TR, Wium DJ, (2012). Published: 1. Noordfed maize meal packaging: an eye-tracking study. Commissioned By: NWK (Noordfed). 1 - 88.

Beelders TR, De Kock HS, (2012). Published: 0. *Voermol: A consumer preference study*. Commissioned By: On behalf of Voermol Feeds by the Usability Laboratory of the Free State University. 1 - 50.

Conferences (Papers or Posters)

Beelders TR, Blignaut PJ, (2012). Analysis of gaze and speech when used as a pointing device. Eye Track Australia 2012 , Noosaville, QLD, Australia, 31-May-2012 - 01-Jun-2012.

Beelders TR, Blignaut PJ, (2012). Gaze and speech as a modality for text entry. Eye Track Australia 2012 , Noosaville, QLD, Australia, 31-May-2012 - 01-Jun-2012.

Blignaut PJ, Holmqvist K, Nyström M, Dewhurst R, (2012). Improving the accuracy of video-based eye-tracking in real-time through post-calibration regression. Eye Track Australia 2012 , Noosaville, QLD, Australia, 31-May-2012 - 01-Jun-2012.

Nel W, De Wet L, (2012). Dubbelsinnige webversoekstringe: 'n vergelyking van soekenjins en gebruikersinteraksies. Studentesimposium in die Natuurwetenskappe soos aangebied deur die Suid Afrikaanse Akademie vir Wetenskap en Kuns 2012, Potchefstroom, Suid Afrika, 25-Oct-2012 - 26-Oct-2012.

Rambe P, (2012). Privacy invasion, visibility and exposure: learning with Facebook. CPRafrica 2012 and CPRsouth 7 Conference , St Louis, Mauritius, 05-Sep-2012 - 07-Sep-2012.

Wario RD, (2012). Podcasting, a powerful web tool for teaching and learning in higher education: results from university of Free State Qwaqwa campus. 6th Annual teaching & learning conference, Durban, South Africa, 25-Sep-2012 - 27-Sep-2012.

Wario RD, (2012). Supporting academic success through the provision of mentoring: results from university of Free State Qwaqwa campus. HELTASA (higher education learning and teaching association of South Africa) Conference 2012, Stellenbosch, South Africa, 28-Nov-2012 - 30-Nov-2012.

Conferences (Publications)

Beelders TR, Blignaut PJ, (2012). Measuring the performance of gaze and speech for text input. Eye Tracking Research & Applications ETRA 2012, Santa Barbara, California, USA, 28-Mar-2012 - 30-Mar-2012.

Beelders TR, Blignaut PJ, (2012). Using eye gaze and speech to simulate a pointing device. Eye Tracking Research & Applications ETRA 2012, Santa Barbara, California, USA, 28-Mar-2012 - 30-Mar-2012.

Blignaut PJ, Beelders TR, (2012). The precision of eye-trackers: a case for a new measure. Eye Tracking Research & Applications ETRA 2012, Santa Barbara, California, USA, 28-Mar-2012 - 30-Mar-2012.

Blignaut PJ, Beelders TR, (2012). TrackStick: a data quality measuring tool for Tobii eye trackers. Eye Tracking Research & Applications ETRA 2012, Santa Barbara, California, USA, 28-Mar-2012 - 30-Mar-2012.

Rambe P, Bere A, (2012). An M-learning strategy for leveraging learner participation: using WhatsApp mobile messaging at a South African university of technology. SACLA 2012 Proceedings of the 2012 Conference of the Southern African Computer Lecturer's Association, Bloemfontein, South Africa, 01-Jul-2012 - 03-Jul-2012.

Rambe P, (2012). Towards a pedagogical model of technology integration: using Web 2.0 technologies to learn critical citizenship at a South African university. Proceedings of the 7th International Conference on eLearning , Hong Kong, China, 21-Jun-2012 - 22-Jun-2012.