



## Research outputs - 2011

### Research articles

Messerschmidt JJE & Messerschmidt HJ. 2011. Voorwaardelike konstruksies met indien soos gebruik in wetenskaplike tydskrifte (Deel 1: basiese konstruksies). *Tydskrif Vir Geesteswetenskappe*, 51 (2), June 2011: pp. 124 - 141.

Nel E & Ndeya-Ndereya CN. 2011. Enhancing online social presence: The role of communication. *Progressio*, 33 (1), 2011: pp. 116 - 137.

Potgieter L & De Wet L. 2011. Die assessering van die impak van virtuele opvoedkundige koppelvlak-agente op volwassenes met beperkte of geen rekenaarvaardighede. *Suid-Afrikaanse Tydskrif vir Natuurwetenskap en tegnologie*, 30 (1), pp. 1 - 1.

Beelders TR, Blignaut PJ & Greeff F. 2011. Oogvolging en spraakherkenning in plaas van 'n rekenaarmuis. *Suid-Afrikaanse Tydskrif vir Natuurwetenskap en Tegnologie*, 30 (1), pp. 1 - 1.

### Theses

Khomokhoana PJ. 2011. *Using mobile learning applications to encourage active classroom participation: technical and pedagogical considerations*. Supervisor: Dr E Nel.

Beelders TR. 2011. *Enhancing the user experience for a word processor application through vision and voice*. Promoter: Prof PJ Blignaut.

### Conferences (Publication)

Kotze JE & Mcdonald T. 2011. Effectiveness of a business intelligence solution to manage the antiretroviral therapy programme. International conference on Health Informatics 2011, Rome, Italy, 26 - 29 Jan 2011.

Shih T & Blignaut PJ. 2011. The influence of gender and internet experience on the acceptability of smell as interaction modality. SAICSIT Annual Research Conference 2011, Cape Town, South Africa, 03 – 05 Oct 2011.

Blignaut PJ. 2011. A tool to measure the accuracy and precision of eye-trackers.

16th European Conference on Eye Movement ECEM 2011, Marseille, France, 21- 25 Aug 2011.

Wario RD & Mcdonald T. 2011. An investigation into the use of the internet and e- commerce in Kenya. Proceedings of the IADIS International Conference on Internet Technologies & Society (ITS 2011), Shanghai, China, 08 – 10 Dec 2011.

## **Conferences (Paper of Poster)**

Nkai TS & De Wet L. 2011. Comparing the sensor glove and eye-tracker as alternatives to measure computer anxiety. SAICSIT 2011 Conference, Cape Town, South Africa, 03-05 Okt 2011.

Greeff F, De Wet L & Nel W. 2011. Die kombinerings van fisiologiese- en tradisionele gebruikerstoetsmetodes om sosiale netwerke op verskeie tegnologiese platforme te evalueer. Suid Afrikaanse Akademie vir Wetenskap en Kuns Studente Simposium 2011, Pretoria, Suid Afrika, 27- 28 Oct 2011.

Potgieter L & De Wet L. 2011. Evaluering van die impak van bi-nurale ritmes op gebruikersprestasies met behulp van 'n brein-rekenaar koppelvlak. Suid Afrikaanse Akademie vir Wetenskap en Kuns Studente Simposium 2011, Pretoria, Suid Afrika, 27- 28 Oct 2011.

Dollman GJ, De Wet L & Beelders TR. 2011. The effects of access to technology on the usability of a BCI. SAICSIT 2011 Conference, Cape Town, South Africa, 03- 05 Oct 2011.

Alfonsi RM & Naidoo M. 2011. Improving teaching and learning through the sharing of best practices: The case of the University of the Free State, Qwaqwa campus.. Higher Education Development and Support 2011, Pretoria, South Africa, 24-26 Oct 2011.

Bergh L, Beelders TR & Van Den Berg RH. 2011. Reference points, cognitive affordance and multimodal metaphors, analysing multimodal discourse . SFL meets Pragmatics conference, Loughborough, United Kingdom, 01 Sep 2011.

Bergh L, Beelders TR & Van Zyl JH. 2011. Cognitive recall, reference points and negative prioritization in multimodal texts. DGfS 2011, Göttingen,

Germany, 23 Feb 2011.

Bergh L, Beelders TR & Van Zyl JH. 2011. Analysis of eye-tracking green recall texts . 5th International business conference (IBC), Mauritius, 29 Sep 2011.

### **Chapter in book**

Beelders TR & Blignaut PJ. 2011. The usability of speech and eye gaze as a multimodal interface for a word processor. Edition:1st Edition In I. Ipsic (ed.), Speech Technologies, Croatia, Rijeka: InTech. (pp. 385-404). 9789533079967.