

Refereed JOURNALS 2000 - 2008

Scott, E. C. & Van Der Merwe, N. (2003). Using multiple assessment approaches to enhance objectivity and student learning. *A special conference edition of the Electronic Journal of Information Systems Evaluation (EJISE)* (ISSN 1566-6379). Volume 6, Issue 2, December 2003, pages 177 - 186.

Scott, E. C. (2004). The Alignment of Software Testing Skills of IS Students with Industry Practices. *Journal of Information Education Technology (JITE)*, Volume 3, March 2004; pages 161-172. (ISSN 1547-9706)

Scott, E. C., Van Der Merwe, N. & Smith, D. (2005). Peer assessment: A complementary instrument to recognise individual contributions in IS student group projects. *A special conference edition of the Electronic Journal of Information Systems Evaluation (EJISE)* (ISSN 1566-6379), Volume 8, Issue 1, January 2005, pages 61 - 70.

Seymour, L., Scott, E.C., Meyerowitz, J., Malamoglou, S. & Morar, A. (2006). Skills Learnt During a Systems Development Course: Graduate Perceptions of Skills Transfer and Industry Alignment. *Information Systems Education Journal (ISEDJ)*, 4(85): pages 1-13. ISSN 1545-679X. September, 28. Electronic. Available <http://isedj.org/4/85/>

Scott, E. C. (2006). Systems Development Group Project: A Real World Experience. Information Systems. *Information Systems Education Journal (ISEDJ)*, 4(23): pages 1-10. ISSN 1545-679X. April, 14. Electronic. Available <http://isedj.org/4/23/index.html>

Scott, E. C. & Pollock, M. (2006). Effectiveness of Self-selected Teams: A Systems Development Project Experience. *in The Journal of Informing Science and Information Technology (IISIT)*, Volume 3, pages 601- 618. ISBN 1-932886-00-1; ISSN 1547-9684

Lynch, K., Heinze, A. & Scott, E. (2007). Information technology team projects in higher education: An international viewpoint. *Journal of Information Education Technology (JITE)*, Volume 6, pages 181 - 198. (ISSN 1547-9706)

Scott, E. C. (2008). From Requirements to Code: Issues and Learning in IS Students Systems Development Projects. *Journal of Information Education Technology (JITE) - Innovations in Practice (IIP)*. Volume 7, pages 1 - 13. ISSN: 1539-3585 (online); 1547-9714 (print); CD-ROM 1547-9706

BOOK CHAPTERS 2008

Lynch, K., Heinze, A. & Scott, E. 2008. Scholarly Collaboration Across Time Zones. In J Salmons and L Wilson (eds), *Handbook of Research on Electronic Collaboration and Organizational Synergy*. Chapter 16, pages 237 – 249. United Kingdom: Information Science Reference (an imprint of IGI Global). ISBN 978-1-60566-106-3 (hardcover)-- ISBN 978-1-60566-107-0 (ebook). Online: <HTTP://WWW.IGI-GLOBAL.COM/DOWNLOADS/PDF/ECOS237.PDF>

Refereed CONFERENCE PROCEEDINGS 2000 – 2008

2000

Scott, E. C. & Geldenhuys, G. (2000). A comparison of the Tabu Search and Great Deluge Methods for Graph Colouring. *Proceedings of the 16th IMACS World Congress on Scientific Computation, Applied Mathematics and Simulation (IMACS 2000)*. Lausanne, Switzerland, August 2000. (Reviewed). (ISBN: 3-9522075-0-0)

2002

Scott, E. C., Alger, R., Pequeno, S. & Sessions, N. (2002). The Skills Gap Observed between IS graduates and the Systems Development Industry: A South African Experience. *Proceedings of the Informing Science & IT Education Conference (IS2002)*, Cork, Ireland. June 2002, pages 1402 - 1410. (Triple – Blind Reviewed)

2003

Scott, E. C., Zadirov, A., Feinberg, S. & Jayakody, R. (2003). The Alignment of Software Testing Skills of IS Students with Industry Practices. *Proceedings of the Informing Science & IT Education Conference (IS2003)*, Pori, Finland. June 2003, pages 957 - 967. (Triple – Blind Reviewed) **Accepted in the category of best papers.**

Scott, E. C. & Van Der Merwe, N. (2003). Using multiple assessment approaches to enhance objectivity and student learning. *Proceedings of the 10th European Conference on Information Technology Evaluation (ECITE 2003)*, Madrid, Spain. 25-26 September 2003, pages 585 – 595. (Double– Blind Reviewed) **Accepted in the category of best papers. ISBN: 0-9544577-3-0**

2004

Scott, E.C., Katovsky, B., Burdzik, J., & Elley, T. (2004). The Impact of the Adoption of Object-Oriented Testing Practices – A South African Perspective. *Proceedings of the Conference on Informatics 2004, Kuala Lumpur, Malaysia*, 28-30 July 2004, page 423-442.

Scott, E.C. (2004). Systems Development Group Project: A Real World Experience; *Proceedings of the Information Systems Education Conference (ISECON 2004)*, Newport, Rhode Island, USA; 4 – 7 November 2004, pages 1 – 8. (Blind Reviewed -2 phase process). (ISSN 1542-7382)

Scott, E.C., Van der Merwe, N. & Smith, D. (2004). The use of peer assessment as a component of the assessment strategy used for IS student group projects; *Proceedings of the 11th European Conference on Information Technology Evaluation (ECITE 2004)*, Amsterdam, Netherlands ; 11-12 November 2004, pages 397-406. (Double– Blind Reviewed—**1 of 10 Best Papers**)

2005

Seymour, L., Scott, E.C., Malamoglou, S., Meyerowitz, J., Morar, A. (2005) Skills Learnt During a Systems Development Course: Graduate Perceptions of Skills Transfer and Industry Alignment, *Proceedings of the Information Systems Education Conference (ISECON 2005)*, Columbus, Ohio, USA; 6 – 9 October 2005, pages 1 - 11. (Blind Reviewed -2 phase process). (ISSN: 1542-7382)

2006

Scott, E. C. & Pollock, M. (2006). Effectiveness of Self-selected Teams: A Systems Development Project Experience. *Proceedings of the Informing Science & IT Education Conference (IS2006)*, Manchester, UK. June 2006. (Triple – Blind Reviewed) **Accepted in the category of best papers.**

Scott, E. C. & Johnston, K. (2006). Estimating Productivity And Other Factors In Object-Oriented Projects Using Use Case Points, *Project Management South Africa Conference 2006*, Midrand Gallagher Estate, Midrand, Gauteng, 30 May – 1 June 2006, pages 279 - 286. (Double– Blind Reviewed) ISBN 1-920-01708-9

Scott, E. C. & Van Der Merwe, N. (2006) Reflecting the Body of Knowledge in Both Curriculum and Assessment: A Case of IS Student Group Projects; *13th European Conference on Information Technology Evaluation (ECITE 2006)*, Genoa, Italy ; 28-29 September 2006, pages 433 - 443. (Double– Blind Reviewed) ISBN: 978-1-905305-34-6

Van Belle, J.W.G.D., Ramburn, H. and Scott, E.C. (2006). A suggested Framework for the Evaluation of Meta Search Engines for Information Systems Research. *Proceedings of 13th European Conference on Information Technology Evaluation (ECITE 2006)*, Genoa, Italy, pages 493-504. (Double– Blind Reviewed) (ISBN: 978-1-905305-34-6)

2007

Lynch, K., Heinze, A. & Scott, E. (2007). Information technology team projects in higher education: An international viewpoint. *Proceedings of the Informing Science & IT Education Conference (IS2007)*, Ljubljana, Slovenia. June 22-25, 2007, pages. (Triple – Blind Reviewed). **Accepted in the category of best papers.**

Scott, E. C. (2007). From Requirements to Code: Issues and Learning in IS Students Systems Development Projects. *Proceedings of the Computer Science + IT Education Conference (CSITEd2007)*, Mauritius, November 16-18, pages . (Triple – Blind Reviewed). **Accepted in the category of best papers (1 of 7).** (ISBN 978-99903-87-47-6)

2008

Scott, E.C., Sewchurran, K. & van der Merwe, N. (2008). Windows to the Real World – A Comparison of IS Project Management Student Learning; *2nd European Conference on Information Management and Evaluation*, Royal Holloway, University of London, UK. September 11- 12, 2008, pages 393 – 402. (Double– Blind Reviewed) (ISBN 978-1-906638-13-9)

Scott, E.C. & Sewchurran, K. (2008). Reflection-in-action: Using Experience to Reconstruct Meaning in a Learning Environment. *International Conference on Information Technology in Education (CITE2008) (2008 International Conference on Computer Science and Software Engineering)*, December 12-14, Wuhan, China.

Seminars in 2003 & 2004

- Scott, E. C. & Van Der Merwe, N. Using multiple assessment approaches to enhance objectivity and student learning. **IS Department Seminar.** October 2003.

- Scott, E. C. The Impact of the Adoption of Object-Oriented Testing Practices – A South African Perspective. *IS Department Seminar*. Presented in June 2004.

Supervision of Honours groups (2000-2008):

- Supervised 13 honours empirical research projects since 2000, entitled:
 1. 2000 ER: (S. Bush, E. Mwamuka & A. Raimondo): Effective E-commerce Web-sites: A Focus on Customer Satisfaction
 2. 2001 ER: (R. Alger, S. Pequeno & N. Sessions). An Investigation into the Skills Alignment between the Systems Development Industry and Students at UCT.
 3. 2002 ER: (D. Hildebrand, N. Schefter & A. van Asche). An Investigation into Systems Development Skills and Education at a Tertiary Level.
 4. 2002 ER: (H. Giesenow, I. Hendricks & J. Stein). The Understanding, Feasibility and Use of Web Services in the South African Context.
 5. 2002 ER: (A Zadirov, S Feinberg & R Jayakody): The Alignment of Software Testing Skills and Procedures of the Information Systems Students at UCT with that of Industry Standards in South Africa.
 6. 2003 ER: (G. Visagie, L. Setsabi & R. Liebowitz). Do existing web application testing tools lead to an increased degree of successful web application development in the South African environment?
 7. 2003 ER: (B. Katovsky, T. Elley & J. Burdzik). The status of Software Testing in South Africa.
 8. 2004 ER: (S. Malamaglou, J. Meyerowitz & A. Morar). An investigation into the extent to which the systems development group projects have contributed towards a skills transfer and process improvement competencies between industry and the students of UCT.
 9. 2004 ER: (N. Asherson, D. Jamieson, A. Schar). An investigation into a model which will assist in the formation of a group structure in order to optimise the effectiveness of the systems development group projects.
 10. 2005 ER: (A. Khan, M. Fairweather & T. Wessie). Evaluating readiness for change: A case of standardising change management processes at the City of Cape Town's IT Department.
 11. 2006 ER: (R. Brown & J. Pearce). An Assessment of the implications of teaching software development without adhering to formal industry standards.
 12. 2007 ER: (M. Scholtz & J. Hannaford). Ready to build? A longitudinal study to monitor the progress of systems development project teams and gauging their readiness to begin the building phase.
 13. 2008 ER: (D Roberts & W Wiseman). An Investigation into Uncovering the Critical Core of Information Systems Skills.

Supervision of full dissertation Masters thesis (2006 - 2008):

2006: George Hill (*In progress*). Aligning IT Capability Improvement with the Software Development Lifecycle Adaptation of a Requirements Centric Product Development Approach

Supervision of coursework Master's thesis (2007 - 2008):

2007: Len Naidoo (*In progress*). Bringing Perspective to the Negative Criticisms of Object-Orientation from the Software Development Community.

Other Supervisions

- Supervised a thesis submitted in partial fulfillment of the requirements for the degree of Baccalaureus Technologiae at the Cape Technikon in 2002, entitled: *Intelligent Agents in Computer Games*, Christopher Hamilton.
- External examiner for a thesis submitted in partial fulfillment of the requirements for the degree of Master of Science in Information Systems at the University of South Africa (UNISA) in November 2001, entitled: *Exception Handling in Object –Oriented Analysis and Design*, Annelise Janse van Rensburg.

International memberships

- A member of the [International Board of Reviewers](#) for the *Informing Science* Journal (ISJ)
- A member of the [International Board of Reviewers](#) for the [Journal of Information Technology Education](#) (JITE).
- A member of the InSITE Conference International Board of Reviewers
- A Founding Member of the Informing Science Institute.
- A member of the committee for the 2005, 2006 & 2008 European Conference on IT Evaluation (ECITE)
- A member of the reviewing panel for the Electronic Journal of Information Systems Evaluation (EJISE)- accredited
- Member of the International Program Committee for the Computer Science + IT Education Conference (CSITEd 2007)

Papers Reviewed

- Reviewed **3** papers for SAICSIT 2001
- Reviewed **15** papers for IS2003; IS2004 IS2005; IS2006; IS2007, Informing Science & IT Education Conference 2003 – 2007.
- Reviewed **6** papers for ISECON 2004 & ISECON 2005 Information Systems Education Conference 2004 & 2005
- Reviewed **7** papers for the Journal of Information Technology Education in 2005, 2006, 2007 & 2008.
- Reviewed **2** papers for Sacla 2006
- Reviewed **1** paper for the *Informing Science* Journal 2006 – was commended for review
- Reviewed **6** papers for the European Conference on IT Evaluation (ECITE) in 2003; 2004 & 2006
- Reviewed **2** paper for the European Conference on Information Management and Evaluation (ECIME) in 2007 & 2008.

- Reviewed **4** papers for the Electronic Journal of Information Systems Evaluation (EJISE) in 2005, 2006 & 2008.
- Reviewed **2** papers for the Project Management South Africa Conference 2006 (PMSA2006)
- Reviewed **3** papers for the Computer Science + IT Education Conference in November 16-18, 2007 in Mauritius.

Acted as session chair at the InSITE 2003, InSITE 2006; ECITE 2004, ECITE 2006; CSITEd 2007 & ECIME 2008

Other

Webinar, 12 November 2008 using Elluminate: International, Cross-Cultural Electronic Collaboration Session – International electronic discussion forum on book chapter.