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## Publications

### **Towards a Framework for Designing and Analyzing CS Learning Environments**

Apiola, M-V., Tedre, M., Lattu, M. P. & Pasanen, T., Oct 2012, *Proceedings of 42th ASEE/IEEE Frontiers in Education FIE 2012 Conference*. p. 600-605 6 p.

### **Creativity-Supporting Learning Environment**

Apiola, M., Pasanen, T. & Lattu, M., Jul 2012, In : *ACM Transactions on Computing Education*. 12, 3, p. Article No.: 11 25 p.

### **Four Years of IT Program Development in Tanzania**

Tedre, M., Pasanen, T., McIntyre, D., Oroma, J., Ngumbuke, F. & Sutinen, E., 9 May 2012, *IST-Africa 2012 Conference*. p. 9-11 3 p.

### **Students' working strategies and outcomes in a creativity-supporting learning environment**

Apiola, M-V., Lattu, M. P. & Pasanen, T., 27 Oct 2010, *Proceedings of the 40th Annual ASEE/IEEE Frontiers in Education Conference (IEEE FIE)*. IEEE Computer Society, 7 p.

### **Random binary search tree with equal elements**

Pasanen, T., 9 Oct 2010, In : *Theoretical Computer Science*. 2010/411, 43, p. 3867-3872 6 p.

### **Creativity and Intrinsic Motivation in Computer Science Education: Experimenting with Robots**

Apiola, M., Lattu, M. P. & Pasanen, T., 26 Jun 2010, *ITiCSE '10 Proceedings of the fifteenth annual conference on Innovation and technology in computer science education*. New York, NY, USA: ACM, 5 p.

### **Applying creativity to teaching in computer science: an exploratory learning course with LEGO Mindstorms robots**

Apiola, M-V., Kurhila, J., Lattu, M. P. & Pasanen, T., 2009, *AIED2009: Proceedings of the Workshop on "Enabling creative learning design : how HCI, user modelling and human factors help"*. Craig, S. D. & Dicheva, D. (eds.). p. 25-31 7 p.

### **A Heuristic-Based Approach for a Betting Strategy in Texas Hold'em Poker**

Saukonoja, T. & Pasanen, T. A., 2008, *10th Scandinavian Conference on Artificial Intelligence*. Holst, A., Kreuger, P. & Funk, P. (eds.). p. 124-132 9 p.

### **A heuristic based approach for a betting strategy in Texas Hold'em Poker**

Saukonoja, T. & Pasanen, T., 2008, Hki: Helsingin yliopisto, tietojenkäsittelytieteen laitos. 8 p.

### **Framework for evaluating believability of non-player characters in games**

Hinkkanen, T., Kurhila, J. & Pasanen, T., 2008, Hki: Helsingin yliopisto, tietojenkäsittelytieteen laitos. 10 p.

### **Framework for evaluating believability of non-player characters in games**

Hinkkanen, T., Kurhila, J. & Pasanen, T. A., 2008, *Workshop Proceedings of the Artificial Intelligence in Games: 2008*. p. 40-44 5 p.

### **Random binary search tree with equal elements**

Pasanen, T., 2008, Hki: Helsingin yliopisto, tietojenkäsittelytieteen laitos. 8 p.

### **TEXAS HOLD'EM GAME SERVER FOR AI-DEVELOPERS**

Saukonoja, T. & Pasanen, T. A., 2008, *Proceedings of CGAMES'2008*. Mehdi, Q., Moreton, R. & Slater, S. (eds.). p. 27-29  
3 p.

### **Why using robots to teach computer science can be successful theoretical reflection to andragogy and minimalism**

Koski, M.-I., Kurhila, J. & Pasanen, T., 2008, Hki: Helsingin yliopisto, tietojenkäsittelytieteen laitos. 16 p. (Department of Computer Science, Series of publications C, C-2008-206)

### **Visualisation of associations between nucleotides in SNP neighbourhoods**

Kulovesi, K., Muhonen, J., Lappalainen, I., Riikonen, P. T., Vihinen, M., Toivonen, H. & Pasanen, T., 2006, *Intelligent data analysis in biomedicine and pharmacology*. Verona: University of Verona, p. 61-62 2 p.

## **Activities**

### **North-West University, Vanderbijlpark campus**

Tomi Pasanen (Visiting lecturer)  
17 Oct 2015 → 9 Nov 2015

### **Doctoral student, graduated**

Tomi Pasanen (Supervisor)  
23 Aug 2013

### **Nong Lam University**

Tomi Pasanen (Visiting lecturer)  
27 Dec 2012 → 16 Jan 2013

### **Scandinavian Conference on Artificial Intelligence (SCAI) (Journal)**

Tomi Pasanen (Programme Committee Member)  
24 May 2011 → 26 May 2011

### **Scandinavian Conference on Artificial Intelligence (SCAI) (Journal)**

Tomi Pasanen (Programme Committee Member)  
26 May 2008 → 28 May 2008

### **Universidad Politécnica de Valencia**

Tomi Pasanen (Visiting lecturer)  
18 Mar 2007 → 28 Apr 2007

### **Scandinavian Conference on Artificial Intelligence (SCAI) (Journal)**

Tomi Pasanen (Programme Committee Member)  
25 Oct 2006 → 27 Oct 2006

### **Head of Organising and Program Committee in The First Bioinformatics Day (Helsinki 2006) arranged by Finnish Association for Bioinformatics**

Tomi Pasanen (Chair)  
31 Mar 2006