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### Concurrent multitasking

Nijboer, Menno

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## Publications

### Journal Articles

- Nijboer, M.**, Borst, J.P., Van Rijn, H., & Taatgen, N.A. (in revision) Contrasting Single and Multi-Component Working-Memory Systems in Dual Tasking. *Cognitive Psychology*.
- Borst, J.P., **Nijboer, M.**, Taatgen, N.A., Van Rijn, H., & Anderson, J.R. (2015). Using Data-Driven Model-Brain Mappings to Constrain Formal Models of Cognition. *PLoS ONE* 10 (3), e0119673. doi:10.1371/journal.pone.0119673
- Nijboer, M.**, Borst, J.P., Van Rijn, H., & Taatgen, N.A. (2014) Single-task fMRI overlap predicts concurrent multitasking interference. *NeuroImage*. 100, 60-74. doi:10.1016/j.neuroimage.2014.05.082
- Nijboer, M.**, Taatgen, N.A., Brands, A., Borst, J.P., Van Rijn, H., (2013). Decision Making in Concurrent Multitasking: Do People Adapt to Task Interference? *Plos ONE* 8(11), e79583. doi:10.1371/journal.pone.0079583
- Van Rijn, H. & **Nijboer, M.** (2012) Optimaal Feiten Leren met ICT (2012) 4W: *Weten Wat Werkt en Waarom*, 1(1), 6-11

### Peer-Reviewed Conference Papers

- Nijboer, M.**, Borst, J.P., Van Rijn, H., Taatgen, N.A., (2013). Predicting Interference in Concurrent Multitasking. In *Proceedings of the 12th International Conference on Cognitive Modeling* (pp.197-203)
- Borst, J.P., **Nijboer, M.**, Taatgen, N.A., Anderson, J.R. (2013). A Data-Driven Mapping of Five ACT-R Modules on the Brain. In *Proceedings of the 12th International Conference on Cognitive Modeling* (pp. 5-11)
- Nijboer, M.**, Gerl, M., Isenberg, T. (2010). Exploring Frame Gestures for Fluid Freehand Sketching. In *Proceedings of the Sketch Based Interfaces and Modeling Symposium* (pp. 57-62)
- Nijboer, M.**, Gerl, M., Isenberg, T. (2010). Interaction Concepts for Fluid Freehand Sketching. In *Proceedings of the 16th Annual Conference of the Advanced School for Computing and Imaging* (pp. 12)

### Abstracts

- Nijboer, M.**, Borst, J.P., Van Rijn, H., Taatgen, N.A. (2014). The Influence of Cognitive Strategies on Performance in Working Memory Tasks. In *Proceedings of the 55th Annual Meeting of the Psychonomic Society*.
- Nijboer, M.**, Borst, J.P., Van Rijn, H., Taatgen, N.A. (2013). Concurrent Multitasking: Different Tasks, Different Interference. In *Proceedings of the 35th Annual Meeting of the Cognitive Science Society*.
- Nijboer, M.**, Borst, J.P., Van Rijn, H., Taatgen, N.A. (2013). Predicting Interference in

Concurrent Multitasking. *In Proceedings of the 12th International Conference on Cognitive Modeling.*

**Nijboer, M.**, Taatgen, N.A., Van Rijn, H. (2012). Choices, Choices: Preference in Task Selection During Multitasking. *In Proceedings of the 11th International Conference on Cognitive Modeling.*

**Nijboer, M.**, Gerl, M., Isenberg, T. (2009). Interaction Concepts for Digital Concept Sketching. *7th International Symposium on Non-Photorealistic Animation and Rendering.*