

Curriculum Vitae

Servant Mathieu

Citizenship: French
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Education and Qualifications

2011-2015 **Ph.D. in Neuroscience, Aix-Marseille University** (planned defense: December 2015)
2011 **Master 2 (Research Graduate Degree) in Cognitive Psychology**, University of Bourgogne, High distinction
2010 **Master 1 (Master's degree)** in Experimental Psychology, University of Auvergne, High distinction
2009 **Licence (B.A.)** in Experimental Psychology, University of Auvergne, First class
2002-2005 **Violin teaching diploma**, Lyon High School of Music, Honors

Publications

Burle, B., Spieser, L., Servant, M., & Hasbroucq, T. (2014). Distributional reaction time properties in the Eriksen task: marked differences or hidden similarities with the Simon task? *Psychon Bull Rev*, 21(4), 1003-1010. doi: 10.3758/s13423-013-0561-6

Servant, M., Montagnini, A., & Burle, B. (2014). Conflict tasks and the diffusion framework: Insight in model constraints based on psychological laws. *Cogn Psychol*, 72, 162-195. doi: 10.1016/j.cogpsych.2014.03.002

Servant, M., White, C. N., Montagnini, A., & Burle, B. (2015). Using covert response activation to test latent assumptions of formal decision-making models in humans. *J Neurosci*, 35(28), 10371-10385. doi:10.1523/jneurosci.0078-15.2015

Servant, M., White, C. N., Montagnini, A., & Burle, B. (submitted). Exploring decision-making dynamics in the Simon task: a model-based cognitive neuroscience study.

Servant, M., Montagnini, A., Hasbroucq, T., & Burle, B. (submitted). A psychophysiological test of the activation-suppression model for conflict tasks.

Spieser, L., Servant, M., Hasbroucq, T., & Burle, B. (submitted). Beyond decision! Motor contribution to speed-accuracy trade-off in decision making.

Awards

2015 Early career publication award, European Society for Cognitive Psychology.

Teaching

2014-2015 Attaché temporaire d'enseignement et de recherche en Neurosciences et Psychologie (Teaching assistant in Neuroscience and Psychology), Aix-Marseille University.

Conferences abstracts as first author

* Indicates oral presentation

- 7* Servant M., White C. N., Montagnini A., Burle B. Using covert response activation to test latent assumptions of formal decision-making models in humans. *European Society for Cognitive Psychology 2015*, Cyprus.
- 5 Servant M., White C. N., Montagnini A., Burle B. Using covert response activation to test latent assumptions of formal decision-making models in humans. *Société Française de Neurosciences 2015*, Montpellier.
- 4 Servant M., Montagnini A., Burle B. Representation of perceptual decisions in the human motor system. *European Society for Cognitive and Affective Neuroscience 2014*, Dortmund.
- 3* Servant M., Montagnini A., Burle B. Conflict tasks, electromyography and formal decision-making models. *1st Federation 3C International Workshop: Executive functions: from neural bases to social cognition 2013*, Marseille.
- 2* Servant M., Montagnini A., Burle B. Conflict tasks and the diffusion framework: Insight in model constraints based on psychological laws. *European Society for Cognitive Psychology 2013*, Budapest.
- 1* Servant M., Montagnini A., Burle B. Conflict tasks and the diffusion framework. *GDR Vision 2012*, Marseille.

Continuous Training

- 2012 Continuous training formation in Python programming language. Marseille, CNRS
- 2015 FENS-Hertie Winter School "The neuroscience of decision-making". Obergurgl (Austria)

Research Competences

Cognitive modeling
Electromyography
Electroencephalography and current source density analyses
Python programming language