

CURRICULUM VITAE

PERSONAL DETAILS

Paolo Toffanin
Grote Beerstraat 394
9742 SM Groningen
The Netherlands
Mobile: +31623205152
Email: varati@hotmail.com
[LinkedIn](#)

Gender: Male
Date of birth: 12th March, 1979
Place of birth: Sandrigo(Vi), Italy
[web-page](#)
[GitHub](#)
[wordpress](#)

Languages: Italian (native)
English (excellent - C1)
Dutch (Intermediate - B1)

AWARDS

- 2007 **Travel Grant.** Oral Presentation : In the beginning there was synchronization: Genesis of a neural correlate of processing differences. ISI Meeting, Amsterdam, Netherlands.
- 2007 **Best young researcher.** Oral Presentation : L'influenza di differenti strategie cognitive sulla determinazione dell'efficienza neurale. AIP, Como, Italy.
- 2007 **Student Travel Grant.** Poster : In the beginning there was synchronization: Genesis of a neural correlate of processing differences. SINS Meeting, Verona, Italy.
- 2007 **Best poster presentation.** Poster: In the beginning there was synchronization: Genesis of a neural correlate of processing differences. BCN New Year Meeting, University of Groningen.
- 2005 **Best young researcher.** Oral presentation: Stretching attention. Italian Association Experimental Psychology, Cagliari (Italy).
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WORKING EXPERIENCE

- 03/2016–current Research coordinator ENT department -University Medical Center Groningen .8 fte.
- 05/2013–current Lab manager and research support ENT-University Medical Center Groningen .8 fte.
- 06/2012–current Freelance (translator Dutch-Italian, workshop giver, IT and scientific consultant).
- 03/2009–03/2012 Post Doc University of Groningen .8 fte.
- 07/2012 Lecturer summer school: Introductory eye-tracking and electroencephalography methodology for linguistic research.
- 02/2009–08/2011 Lecturer University of Groningen .2 fte.
- 10/2004–12/2008 PhD student
- 01/2003–10/2004 Research activity at the University of Padova.
- 09/2003–01/2004 Research activity at the University of Leiden.
- 06/1998–09/1998 Factory worker Veronesi s.p.a., animal feed production and distribution.
- 06/1997–09/1997 Factory worker IPI s.p.a., production of paper bags.

06/1996–09/1996 Apprentice mason Dalla Pozza, building contractors.

06/1995–09/1995 Apprentice mason Dalla Pozza, building contractors.

EDUCATION

08/2016 – 09/2016 Big Data Analysis with Apache Spark, UC Berkeley, USA.

08/2016 – 10/2016 Introduction to Recommender Systems, University of Michigan, USA.

08/2016 – 08/2016 Introduction to Apache Spark, UC Berkeley, USA.

07/2016 – 08/2016 Data Management and Visualization, Wesleyan University.

05/2016 – 09/2016 Research Monitoring, UMC Groningen, Netherlands.

01/2016 – 04/2016 Statistical Learning, Stanford University, USA.

11/2015 – 01/2016 Financial Markets, Yale University, USA.

11/2015 – 01/2016 Using Databases with Python, University of Michigan, USA.

12/2015 – 01/2016 Interactivity with JavaScript, University of Michigan, USA.

09/2015 – 11/2015 Using Python to Access Web Data, University of Michigan, USA.

09/2015 – 11/2015 Responsive Website Basics, University of London, UK.

07/2015 – 09/2015 Data Visualization, University of Illinois at Urbana-Champaign, USA.

06/2015 – 10/2015 Introduction to Finance, University of Michigan, USA.

02/2015 – 06/2015 Schrijfvaardigheid, University of Groningen, Netherlands.

02/2015 – 06/2015 Programming for Everybody (Python) University of Michigan, USA

03/2013 – 05/2013 Principles of Macroeconomics, University of Melbourne, Australia.

01/2013 – 04/2013 Social Network analysis, University of Michigan, USA.

04/2012 – 04/2012 Statistical Mediation Analysis, University of Groningen, Netherlands.

09/2011 – 11/2011 C\C++ Programming Course, University of Groningen, Netherlands.

10/2004 – 12/2008 PhD student, University of Groningen, Netherlands.

Thesis: *Brain Economics: Housekeeping Routines in the Brain.*

Promotors: Prof. Dr. A. Johnson, Prof. Dr. R. de Jong, Prof. Dr. G.J. ter Horst. Supervisor: S. Martens.

09/1999 – 07/2004 Psychology, University of Padova, Italy (107/110).

Specializations: (1) Neuropsychology (2) Experimental psychology.

Thesis: *The interaction between 'Top-Down' and 'Bottom-up' mechanisms in the attentional blink phenomenon.*

Supervisors: Prof. Dr. B. Hommel, Prof. Dr. R. Dell'Acqua, Prof. Dr. R. Job.

01/2003 – 10/2004 Research activity University of Padova.

Cognition and Language Laboratory.

Thesis: *P3 latency fluctuations modulated by central processing overlap.*

Supervisors: Prof. Dr. R. Dell'Acqua.

09/2003 – 01/2004 Erasmus student, University of Leiden.
Cognitive Psychology Unit.

Thesis: *Object files, attentional blink, and lag 1 sparing*.
Supervisor: Prof. Dr. B. Hommel.

09/1995 – 07/1999 Electronics & Telecommunications, High School Diploma. Istituto Tecnico Industriale Statale A. Meucci, Cittadella (PD).

COMPUTER SKILLS

Programming C\C++, Matlab, R, PHP, MySQL, Python, BASH, JavaScript.

Other Spark, Debian, (K)Ubuntu, Mint, Slackware, Suse, Unix, Open Office, Libre Office, Windows, Microsoft Office suite, DOS, Mplus, SPSS, L^AT_EX, Gimp, Inkscape, ImageMagick, HTML, CSS, E-prime, fieldTrip, EEGlab, Neurospec, BrainVision Analyzer and Recorder, Eyelink, Psychtoolbox.

PUBLICATIONS

- 2016 Wagner, Toffanin & Baskent - [The timing and effort of lexical access in natural and degraded speech](#)¹. *Frontiers in Psychology - Auditory Cognitive Neuroscience*.
- 2013 Toffanin, P., & Johnson A. [Attentional resources and control](#). *In Neuroergonomics: Cognitive neuroscience approaches to human factors and ergonomics*, Edrs Johnson A. & Proctor R.W. MacMillan Palgrave.
- 2012 Johnson, A., Jolij, J., Parasuraman, R., & Toffanin, P. [The working Brain](#). *In Neuroergonomics: Cognitive neuroscience approaches to human factors and ergonomics*, Edrs Johnson A. & Proctor R.W. MacMillan Palgrave.
- 2013 Johnson A. & Toffanin P. [Self-chosen colored light induces relaxation](#). In: *Proceedings of EXPERIENCING LIGHT 2012: International Conference on the Effects of Light on Wellbeing* (Eds. de Kort, et al.)
- 2012 Dalley, S.E., Toffanin, P., & Pollet, T.V. [Dietary Restraint in Young College Women: The fear of imperfection is stronger than the hope of perfection](#). *Body Image*.
- 2011 Toffanin, P., de Jong, R., & Johnson, A. [P4pc: An Electrophysiological Marker of Strategic Attentional Disengagement](#). *International Journal of Psychophysiology*: 81, 72-81.
- 2010 de Jong, R., Toffanin, P., & Harbers, M. [Dynamic crossmodal links revealed by steady-state responses in auditory-visual divided attention](#). *International Journal of Psychophysiology*: 75, 3-15.
- 2010 Dell'Acqua, R., Sessa, P., Toffanin, P., Luria, R., & Jolicoeur, P. [Orienting attention to objects in visual short-term memory](#). *Neuropsychologia*: 48, 419 - 428.
- 2009 Toffanin, P., Johnson, A., de Jong, R., & Martens, S. [Using Frequency Tagging to Quantify Attentional Deployment in a Visual Divided Attention Task](#). *International Journal of Psychophysiology*: 72, 289-298.
- 2008 Toffanin, P., Martens, S., de Jong, R., & Johnson, A. [Using frequency tagging to investigate the neurocorrelates of divided attention](#). *Frontiers in Human Neuroscience*. Conference Abstract: 10th International Conference on Cognitive Neuroscience.
- 2008 Akyurek, E., Toffanin, P., & Hommel, B. [Adaptive control of event integration](#). *Journal of Experimental Psychology: Human Perception and Performance*: 34, 569-577.

¹Click on the green text to go to the pdf document

- 2007 Toffanin, P., Johnson, A., de Jong, R., & Martens, S. **Rethinking Neural Efficiency: Effects of Controlling for Strategy Use**. *Journal of Behavioural Neuroscience*: 121, 854-870.
- 2007 Akyurek, E., Riddel, P., Toffanin, P., & Hommel, H. **Adaptive control of event integration: Evidence from event-related potentials**. *Psychophysiology*: 44, 383-391.
- 2005 Dell'Acqua, R., Vespignani, F., Jolicoeur, P., & Toffanin, P. **P3 latency fluctuations modulated by central processing overlap**. *Experimental Brain Research*: 165, 54-68.

INVITED LECTURES & EXPOSITIONS

- 2012 Multitasking in dentistry: Advantages and disadvantages. 25th Annual Meeting European Society of **Dental Ergonomics**, Maastricht.
- 2012 Applied Brain Computer Interfaces and adaptive automation. Lectures on BCI: University of Groningen.
- 2012 Neurocool: Ergonomics meets neuroscience. Lectures on Cognition and Attention : University of Groningen.
- 2011 A perfect look. BCN introductory course, University of Groningen.
- 2011 Can machines live our lives? **Summer school for gifted students**, Vilnius, Lithuania.
- 2011 The eye and the brain: Two approaches to study human behaviour. **Summer school for gifted students**, Vilnius, Lithuania.
- 2011 New approaches to Brain-computer interfaces. Lectures on BCI: University of Groningen.
- 2010 Searching for perfection. Discovery Festival, **Science Center Nemo**, Amsterdam.
- 2010 Methods for real-time single trial classification. Lectures on BCI: University of Groningen.
- 2009 P4pc an electrophysiological marker of attentional disengagement. ESCOP colloquium, Leiden.
- 2009 What does a cognitive neuroscientist do and how can you become one. Carrer Perspectives, University of Groningen.
- 2009 From brain to behaviour, a journey through cognitive neuroscience. **Lectures for gifted students**, Discover your talent, Rotterdam.

SELECTED PRESENTATIONS

- 2011 Toffanin, P., Johnson, A., Snells, D. Immensely Illuminated. Nederlandse Vereniging voor Psychonomie (NVP). Egmond aan Zee, Netherlands.
- 2008 Toffanin, P., De Jong, R., Johnson, A. The P4pc: An Electrophysiological Marker of Swift Attentional Disengagement. Rovereto Attention Workshop, Rovereto, Italy.
- 2008 Toffanin, P. Steady-state evoked potentials reveal dynamics of divided attention. Italian Association of Psychology, Padova, Italy.
- 2008 Toffanin, P., Johnson, A., De Jong, R. Using frequency tagging to investigate the neurocorrelates of divided attention. Icon X Conference on Cognitive Neuroscience, Bodrum, Turkey.
- 2008 Using frequency tagging to investigate the neurocorrelates of divided attention. Conference on cognitive neuroscience, San Fransisco, USA.

- 2007 Toffanin, P., Martens, S., De Jong, R., Johnson, A. In the beginning there was synchronization: Genesis of a neural correlate of processing differences. Poster Presentation at the BCN new year meeting, Groningen, Netherlands.
- 2007 Toffanin, P., Martens, S., De Jong, R., Johnson, A. Using frequency tagging to investigate the neural correlates of divided attention. Poster presented at the Conference Applied Neuroscience, Nijmegen, Netherlands.
- 2007 Toffanin, P., Martens, S., De Jong, R., Johnson, A. (2007) In the beginning there was synchronization: Genesis of a neural correlate of processing differences. Oral presentation at the meeting of the International Society for Intelligence Research, Amsterdam, 13-15 December.
- 2007 Toffanin, P., Martens, S., De Jong, R., Johnson, A. Using frequency tagging to investigate the neural correlates of divided attention. Blink of the minds, Amsterdam, Netherlands.
- 2007 Toffanin, P., Martens, S., De Jong, R., Johnson, A. In the beginning there was synchronization: Genesis of a neural correlate of processing differences. Italian Association of Psychology, Como, Italy.
- 2007 Toffanin, P., Martens, S., De Jong, R., Johnson, A. In the beginning there was synchronization: Genesis of a neural correlate of processing differences. Italian Society for NeuroScience, Verona, Italy.
- 2007 Toffanin, P., Martens, S., De Jong, R., Johnson, A. Using frequency tagging to investigate the neural correlates of divided attention. Rovereto Attentional Workshop, Rovereto, Italy.
- 2006 Toffanin, P., Martens, S., De Jong, R., Johnson, A. Neural efficiency and intelligence: An EEG study. BCN new year meeting, Groningen, Netherlands.
- 2006 Toffanin, P. Using frequency tagging to investigate divided attention. N2pc and SCDA meeting, Padova, Italy.
- 2006 Toffanin, P., Martens, S., De Jong, R., Johnson, A. Neural efficiency and intelligence: An EEG study. BCN Annual Meeting, Odoorn, Netherlands.
- 2005 Toffanin, P. Stretching Attention. Italian Association of Psychology, Cagliari, Italy.
- 2005 Toffanin, P., Martens, S., De Jong, R., Johnson, A. Do differences in neural efficiency underlie differences in intelligence? Nederlandse Vereniging voor Psychonomie (NVP), Egmond aan Zee, Netherlands.
- 2004 Toffanin, P. Carichi attentivi e latenza della P300: un'indagine con paradigmi doppio compito. Italian Association of Psychology, Sciacca, Italy.

Groningen, September 21, 2016