

Giovanni Piantoni

April 8th, 1982

Italian (Sarnico, Italy)

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Education and Research Experience

Ph. D. student

Sep 2008–Sep 2012

E. J. W. van Someren and Y. van der Werf

N. I. N., Amsterdam

EEG analysis of sleep and vigilance disturbances in order to understand the neurological underpinnings of ailments in insomnia.

Research Assistant

Nov 2007–Aug 2008

D. M. Eagleman

Baylor College of Medicine, Houston

Research on time perception and time illusions. In particular, analysis of EEG data on oscillatory activity comparing the illusory motion reversal and binocular rivalry.

M. Sc. Cognitive Neuroscience, Cum Laude

Aug 2005–Sep 2007

Specialization Psycholinguistics

Radboud University Nijmegen

Internship

Sep 2006–Aug 2007

P. Hagoort and T. M. Snijders

F. C. Donders Centre, Nijmegen

MEG experiment on word category ambiguity in sentence processing. Hands-on internship on stimuli presentation, data collection and data analysis on time-locked and oscillatory activity. Preparation of a research paper on the experimental results.

B. A. Philosophy

Sep 2001–Jul 2005

R. Fabbrichesi Leo

Università degli Studi di Milano, Milan

Papers

Beta oscillations correlate with probability of perceiving rivalrous visual stimuli.

G. Piantoni, K. A. Kline, D. M. Eagleman. *Journal of Vision*, 10(13):18, 111, doi:10.1167/10.13.18

The Time Course of Word Category Ambiguity Processing: an MEG study.

with T. M. Snijders, P. Hagoort (2007), published on *Nijmegen CNS* Master's thesis journal.

Diagrammi e Rappresentazione della Realtà in C. S. Peirce.

[Diagrams and Representation of Reality in C. S. Peirce] with R. Fabbrichesi Leo (2005).

Presentations

Task-induced neuronal network connectivity reappears during sleep in humans.

at ESRS-EU-Marie-Curie final symposium in Seeon, Germany, on July 6th, 2010

at European Sleep Research Society, in Lisbon, Portugal, on September 18th, 2010 (with Travel Grant);

at Neuroscience and Vision, Netherlands Institute for Neuroscience, Amsterdam, the Netherlands, on October 15, 2010.

Reactivation during sleep of recently acquired memory.

at Opinions and Discussions in Cognitive Neuroscience Amsterdam, in Amsterdam, the Netherlands, on October 26, 2009.

S.A.V.A.N.T.: Sleep And Vigilance Advanced Neuroimaging Toolbox.

at the ESRS-EU-Marie-Curie-PENS 2009 Training in Sleep Research and Sleep Medicine, in Bertinoro, Italy, on May 9, 2009.

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Posters

Task-induced neuronal network connectivity is reactivated during sleep: an MEG study.
at the summer school on Slow Brain Oscillations of Sleep, Resting State and Vigilance, in Amsterdam, the Netherlands, on June 29-July 2, 2010;
at Human Brain Mapping, in Barcelona, Spain, on June 6-10, 2010.

Reactivation during sleep of recently acquired memory.
at NSWO meeting, in Eindhoven, the Netherlands, on November 27, 2009;
at the annual PhD-meeting ONWAR, in Zeist, the Netherlands, on November 19 and 20, 2009.

Computer Skills

Stimuli Presentation E-Prime, PsychToolBox, Presentation software.

Linguistic analysis CELEX, CHILDES, Praat.

Computer languages Matlab, R (lme4 package), Scipy (Scientific Python), L^AT_EX, BASH.

Matlab Toolboxes FieldTrip, EEGLAB, SPM 8.

Operating Systems Linux (Ubuntu, Red Hat Enterprise Linux), Windows (XP, Vista, 7).

Awards and further Experiences

Travel Grant to European Sleep Research Society, September 2010 (€500)

ESRS-EU-Marie-Curie PENS 2009 Training in Sleep Research and Sleep Medicine, Bertinoro, May 2009;

One-week training period at the Institute for Pharmacology and Toxicology, University of Zürich, Switzerland, October 2009;

Final symposium in Seon, Germany, July 2010.

SPM EEG/MEG and fMRI course, May 2010.

International Sleep Medicine Course, passed, Nov 2008

HSP Huygens Scholarship, 2006–2007

Assistant at AMLAP, MPI for Psycholinguistics, Nijmegen (September 2006)

Editor *Psycholinguistics, Nijmegen CNS* Master's thesis journal, 2005–2007

Erasmus Scholarship for exchange program at the Phillips-Universität Marburg, 2002–2003

Professional Affiliations

SRS Sleep Research Society

HBM Human Brain Mapping

SfN Society for Neuroscience

NSWO Dutch Society for Sleep Wake Research

Languages

Italian native

English TOEFL (3/9/2005): **263/300**

Dutch Staatsexamen [state exam], Nederlands als Tweede Taal (24/4/2007)

German Deutsche Sprachprüfung für Hochschulzugang (DSH): **sehr gut** (July 2003)

Lombard Good comprehension