

Raphael Vallat

Curriculum Vitae

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Driving licence



Education and diploma

PhD student in Cognitive Neuroscience since October 2014

Lyon Neuroscience Research Center (CRNL)

Elected representative of the non-permanent members in CRNL council

Teaching in Neuroscience since October 2014 (Lyon 1 University)

Preparatory class, 1st year, 75 h - *Neurobiology*

License of Biology, 2nd year, 70 h - *Neurobiology*

Medicine, 1st year, 50 h - *Social science*

Education

2012–14 Master degree in Neuroscience *cum laude*, Lyon 1 University

2009–12 Bachelor degree of Cognitive Sciences *summa cum laude*, Lyon 2 University - ranked 1st (awarded a merit scholarship)

2009–12 Scientific baccalaureate with honors, François Mauriac High school

Publications

Articles

Vallat R., Lajnef T., Berthomier C., Eichenlaub J-B., Jerbi K., Morlet D. & Ruby P. Increased evoked potentials to arousing auditory stimuli: implication for the understanding of dream recall frequency variability (*in preparation*)

Vallat R., Chatard B., Blagrove M. & Ruby P. Characteristics of the past waking life events identified by the dreamer as incorporated into his/her dream just after waking up: implication regarding the possible functions of dreaming (*in preparation*)

Oral presentations and posters

2016 **Vallat R.**, Meunier D., Turker B., Nicolas A & Ruby P. Sleep inertia and functional connectivity between brain regions at awakening: an EEG-fMRI study. *Poster/abstract for ESRS conference (Italy) and FENS conference (Denmark)*

Vallat R., Meunier D., Turker B., Nicolas A & Ruby P. Sleep inertia and functional connectivity between brain regions at awakening: an EEG-fMRI study. *Oral presentation for IASD conference (Netherlands)*

2015 **Vallat R.**, Eichenlaub J-B., Morlet D. & Ruby P. Macro and micro structure of sleep in high and low dream recallers. *Oral Presentation for NPSA conference (Netherlands) and IASD conference (USA)*

Vallat R., Eichenlaub J-B., Morlet D. & Ruby P. Macro and micro structure of sleep in high and low dream recallers. *Poster/abstract for ASSC conference (France)*

2014 **Vallat R.**, Eichenlaub J-B., Morlet D. & Ruby P. Macro and micro structure of sleep in high and low dream recallers. *Oral presentation for IASD conference (USA)*

Vallat R., Eichenlaub J-B., Morlet D. & Ruby P. Macro et micro-structure du sommeil des grands et des petits rapporteurs de rêves. *Poster/abstract for Le Congrès du Sommeil conference (France)*

Skills

Science popularization

- 2016 Organizer of the Doctoral Day of the Lyon Federative Research Structure in Health
- 2015 Invited oral presenter for a general public conference on sleep and dreams (1h, at Lyon town hall)
Organizer of a thematic week on neuroscience for 6 high-school students
Organizer and chairman of "*Les Saisons du CRNL*" conference on neurosciences and society

Neuroscience

- Methodology Polysomnography, combined EEG-fMRI, behavioural studies, ERP
- Analysis Sleep scoring, functional connectivity, dream content analysis

Formations

- 2016 fMRI course (3 days) organized by the Neuroscience and Cognition Doctoral School, Lyon, FR
- 2015 Second Brain Connectivity course (4 days) organized by the Grenoble Institute of Neuroscience, FR
- 2014 EEG-fMRI workshop (2 days) organized by Brain Products GmbH, Lyon, FR

Computer

- Advanced Microsoft Office, Python, Matlab
- Intermediate \LaTeX , Linux, R, Presentation

Languages

- French Mother tongue
- English Advanced level, both written and oral
- Italian intermediate level

Interests and Activities

- Music Guitar and bass (10 years, self-learner), composition
- Sports Swimming (10 years in club), martial arts, ski
- Volunteering Social and integration events for the students of CRNL