RAPHAËL FARGIER, PhD

37, French

Contact
Campus SJA3 - MSHS-SE (Room 233)
Université Côte d'Azur
25 Av. François Mitterrand | 06357 Nice
✉ raphael.fargier@univ-cotedazur.fr

homepage: https://sites.google.com/site/raphaelfargierpage/home
OrcID: 0000-0002-0165-0238

PROFESSIONAL EXPERIENCE

2022 -	**Junior Professor in Cognitive Neuroscience** *Laboratoire Bases Corpus Langage (BCL)* *Neuromod Institute* *Université Côte d'Azur, Nice, France*
2021 – 2022	**Post-doctoral researcher** *Department of Special Needs Education (ISP)* *Oslo Special Education and Learning Lab (SPeLL)* University of Oslo, *Oslo, Norway*
2018 – 2020	**Post-doctoral researcher** ILCB *Institute of Language, Communication and the Brain* Aix-Marseille University, *Aix-en-Provence, France*
2014 – 2017	**Post-doctoral researcher** SNSF *Faculty of Psychology and Educational Sciences* University of Geneva, *Geneva, Switzerland*
2013	**Contractual researcher** *Medical-Educative Institution* Le Grapillon *Sainte-Foy-lès-Lyon, France*
2009 – 2012	**Postgraduate researcher** *Laboratory Language, Brain and Cognition L2C2* *CNRS UMR 5304, Bron, France*

EDUCATION

2014	**PhD Cognitive Neuroscience** *Defended 25/03/2013* University of Lyon, France *Institute of Cognitive Sciences Marc Jeannerod (L2C2, CNRS UMR 5304)* *Advisors: Tatjana A. Nazir & Yves Paulignan*
2009	**MSc Neuroscience,** *University of Lyon*
2007	**BSc Biology of Organisms and Populations**, *University of Lyon*

PUBLICATIONS
H-index: 12, i10-index: 12, overall citations: 372[1]

Peer-reviewed journals articles

*Students/Early Career Researchers I supervised or co-supervised in MSc and/or PhD

23. Zappa, A., Bolger, D., Pergandi, J-M., **Fargier, R.**, Mestre D. & Frenck-Mestre, C. (2024) The neural correlates of embodied L2 learning: Does embodied L2 verb learning affect representation and retention? *Neurobiology of Language*

22. **Fargier, R.** & Laganaro, M. (2023) Referential and inferential production across the lifespan : different patterns and different predictive cognitive factors, *Frontiers in Psychology*.

21. Banks, B., Borghi, A., **Fargier, R.,** Fini, C., Jonauskaite, D., Mazzuca, C., Montalti, M., Villani, C. & Woodin, G. (2023) Consensus paper: Current perspectives and future directions on abstract concepts (all authors contributed equally, alphabetical order), *Journal of Cognition*.

20. Alaria, L. & **Fargier, R.** (2022) La question du lexique, apports et dialogues entre recherche et pratique clinique. A.N.A.E, 181, 000-00.

19. **Fargier, R.** & Mimbela M.* (2022) Étude pilote de l'implication du système sensori-moteur et des activités culturelles dans les connaissances sémantiques des mots concrets et abstraits chez des enfants d'âge scolaire. A.N.A.E, 181, 000-00.

18. Krethlow, G.*, **Fargier, R.** & Laganaro, M. (2020). Age-Specific Effects of Lexical-Semantic Networks on Word Production. *Cognitive Science,* 44(11):e12915.

17. Atanasova, T.*, **Fargier, R.,** Zesiger, P. & Laganaro, M. (2020). Dynamics of single word production from childhood to adolescence and adulthood. *Neurobiology of Language,* 2:1, 1-21.

16. **Fargier, R.**, **&** Laganaro, M. (2020). ERPs modulations of word planning processes for newly-acquired words relative to well-known words. *Brain Research*. 1727:146557

15. **Fargier, R.**, **&** Laganaro, M. (2019). Interference in speaking while hearing and vice versa. *Scientific Reports*. 9:5375. https://www.nature.com/articles/s41598-019-41752-7

14. Laganaro, M., Bonnans, C.*, and **Fargier, R.** (2019) Impact of attentionnal interference on lexical and phonological processes in word production in persons with aphasia, *Cognitive Neuropsychology*.

13. Python, G.*, **Fargier, R.** and Laganaro, M. (2018b) When *wine* and *apple* both help the production of *grapes*: ERP evidence for post-lexical semantic facilitation in picture naming, *Frontiers in Human Neuroscience,* 12:136.

12. Python, G.*, **Fargier, R.** and Laganaro, M. (2018a) ERP evidence of distinct processes underlying semantic facilitation and interference in word production, *Cortex,* 99, 1-12.

11. **Fargier, R.,** Bürki, A., Pinet, S., Alario, F.X. and Laganaro, M. (2018) Word onset phonetic properties and motor artefacts in speech production EEG recordings*, Psychophysiology,* 55(2).

10. **Fargier, R.** and Laganaro, M. (2017) Spatio-temporal dynamics of referential and inferential naming: different brain and cognitive operations to lexical selection, *Brain Topography,* 30(2), 182-197.

9. Pinet, S. and **Fargier, R**. (2016) Commentary: Oscillatory activity within and across Sensory Modalities in Distributed Cortical Networks, *Frontiers in Psychology,* 6:2005

8. **Fargier, R.** and Laganaro, M. (2016) Neurophysiological modulations of non-verbal and verbal dual-tasks interference during word planning, *PLoS ONE,* 11(12): e0168358

7. Nicolo, P., **Fargier, R**., Laganaro, M. & Guggisberg, A.G. (2016) Neurobiological correlates of inhibition of the right Broca homologue during new-word learning, *Frontiers in Human Neuroscience,* 10:371

---

[1] Retrieved from Google Scholar 14/06/2023

6. **Fargier, R.** and Laganaro, M. (2015) Neural dynamics of object noun, action verb and action noun production in picture naming, *Brain and Language,* 150:129–142

5. **Fargier, R.,** Ploux, S., Cheylus, A., Paulignan, Y., Reboul, A., and Nazir, T.A. (2014) Differentiating semantic categories during the acquisition of novel words: Correspondence Analysis applied to ERPs, *Journal of Cognitive Neuroscience,* 26(11):2552-63

4. Ravella, P., **Fargier, R.,** Magdinier, P., Dubost, V., Jallade, M.F. and Sibille, M. (2014) Le geste et la parole. Histoire d'une recherche thérapeutique sur l'apprentissage associé de mots et de gestes, *L'information psychiatrique*, Volume 90, pp. 485-492

3. Ménoret, M., Varnet, L., **Fargier, R.,** Cheylus, A., Curie, A., Des Portes, V., Nazir, T.A. and Paulignan, Y. (2014) Neural basis of non-verbal social interactions : a Dual-EEG study, *Neuropsychologia,* 55:85-97

2. **Fargier, R.,** Ménoret, M., Boulenger, V., Nazir, T.A and Paulignan, Y. (2012) Grasp it loudly! Supporting motor actions with semantically congruent spoken action words, *PLoS ONE,* 7(1): e30663

1. **Fargier, R.,** Paulignan, Y., Boulenger, V., Monaghan, P., Reboul, A. and Nazir, T.A. (2012) Learning to associate novel words with motor actions: Language-induced motor activity following short training, *Cortex,* 48:888–89

Book chapters

5. Fairs, A., **Fargier, R**. & Strijkers, K. (2022) Shared or different? How linked are word production and comprehension, *TIPA. Travaux interdisciplinaires sur la parole et le langage*, 38.

4. Nazir, T.A., **Fargier, R**., Douissembekov, E. & Paulignan, Y. (2018) Stop moving and you will understand : Selective weakening of the N400 to hand-action words during hand movements. *Language, Evolution and Mind: Essays in honor of Anne Reboul*, Pierre Saint-Germier, pp.203-217.

3. **Fargier, R**. (2015) From modal brain structures to word-meaning, in Coello, Y. and Fischer, M. (eds), *Conceptual and Interactive Embodiment: Foundations of Embodied Cognition*, *Volume 2*. East Sussex, UK: Psychology Press, pp. 11-28

2. **Fargier, R**. (2014) Du mouvement dans les mots: Apprentissage moteur du langage d'action, in *Le langage au bout des doigts*, Frak, V. & Nazir, T.A. (eds), Presses de l'Université du Québec, pp. 139-154 (in French)

1. Nazir, T.A., **Fargier, R.,** Aravena, P. and Boulenger, V. (2012) When words trigger activity in the brain's sensory and motor systems: It is not Remembrance of Things past, in *Language and action in cognitive neuroscience*, Coello, Y. & Bartolo, A. (eds), Psychology Press, pp. 307-318

Conference proceedings

5. Krethlow, G.*, **Fargier, R.** & Laganaro, M. (2018) Influence of semantic association networks on the speed of word production across the lifespan, Special issue for XIX Science of Aphasia, Venice, Italy, *Journal of Steem-, Spraak-, en Taalpathologie*, 23(S01), 123-124.

4. **Fargier, R.,** Pellet-Cheneval, P., Assal, F. and Laganaro, M. (2017) Typicality advantage for exemplars in picture naming and word-picture matching: Evidence from a case study of semantic variant of PPA, Special issue for XVIII Science of Aphasia, University of Geneva, Switzerland, *Journal of Steem-, Spraak-, en Taalpathologie*, 22(S02), 100-102.

3. Bonnans, C.*, **Fargier, R.,** and Laganaro, M. (2017) Dual-tasks interference in word planning processes in aphasia depends on the underlying impairment, Special issue for XVIII Science of Aphasia, University of Geneva, Switzerland, *Journal of Steem-, Spraak-, en Taalpathologie*, 22(S02), 94-95.

2. Bonnans, C.*, **Fargier, R.** and Laganaro, M. (2016) Impact of concurrent auditory tasks in picture naming in aphasia, Special issue for XVII Science of Aphasia, Venice, Italy, *Journal of Steem-, Spraak-, en Taalpathologie*, 21(S01), 35-36.

[1.] Python, G.*, Pellet Cheneval, P., **Fargier, R.**, Gay, A.C. & Laganaro, M. (2015) How do categorical and associative primes affect picture naming in aphasia? Special issue for XVI Science of Aphasia, University of Aveiro, Portugal*, Journal of Steem-, Spraak-, en Taalpathologie*, 20(S01), 153-155.

Digital publication / website

[1.] Visualization of lexico-semantic networks and their changes across the lifespan (2019)
Contributors (alphabetic order): **Fargier, R**., Kokkinis-Ntrenis, N., Laganaro, M., Nerima, N., Proios, D., Wang, G.
Link:
http://latlntic.unige.ch/projet_18-19/reseaux_semantiques/website/index.html

Manuscripts submitted/under review

Fargier, R. & Ballot, C. Changes of emotional valence of words across adulthood.

Krethlow, G., **Fargier, R.**, Atanasova, T., Ménétré, E. & Laganaro, M. Asynchronous Behavioral and Neurophysiological Changes in Word Production in the Adult Lifespan

Manuscripts in preparation

Fargier, R., Falck, A., Hovland, T., Bayar, H. & VK Torkildsen, J. Situational variability in narrative contexts facilitates the learning and retention of novel words.

Fargier, R., Montant, M. & Strijkers, K. The production of abstract and concrete words: Activation of sensory and emotional experience during speech planning.

Glize, B., Ferrier, A., Mazaux, J-M., Joseph, P-A., Guehl, D. & **Fargier, R.** From speech to language: involvement of motor cortex in word recognition.

COMMUNICATIONS

Invited seminars

19. **Fargier, R.** (2023) Dynamique des processus de la dénomination inférentielle, *Séminaire Laboratoire de Neuro Psycho Linguistique, Université Toulouse Jean Jaurès*, France, November 17th.

18. **Fargier, R.** (2023) EEG/ERPs recordings and analyses: A multifaceted approach to EEG signal processing, *Bosphorus (PHC) project event "A grammar of lies"*, Istanbul, Turkey, November, 2nd.

17. **Fargier, R.** (2023) From concepts to words: time to focus on dynamics, *Seminar Mnemosyne team, Inria*, Bordeaux, France, March 28th.

16. **Fargier, R.** (2022) "Craziness" and "rule": Emotional valence in word processing, Research colloquium, Biological Psychology team, *Heinrich-Heine-Universität Düsseldorf*, Düsseldorf, Germany, Nov 21st [online].

15. **Fargier, R.** (2022) Investigating the dynamics of language processes at multiple scales, Keynote lecture at the *Annual conference of the NeuroMod Institute*, Nice, France, June 29-30.

14. **Fargier, R.** (2022) Electrophysiology of language production, *University Hospital Oslo*, Norway, May 18th.

13. **Fargier, R.** (2022) Investigating the dynamics of language processes with inferential naming, *BCL laboratory, Université Côte d'Azur*, Nice, France, February 28th.

12. **Fargier, R.** (2021) EEG in special needs education, *Oslo SpeLL lab, University of Oslo*, Norway, June 17th.

11. **Fargier, R.** (2021) Inferential naming: another perspective on language production, *group Communicative Processes-Department of Special Needs Education, University of Oslo*, Norway, June 16th.

10. **Fargier, R.** (2020) EEG/ERPs recordings and analyses: A multifaceted approach to EEG signal processing, *Webinar for ScienceBeam*, 1 December.

9. **Fargier, R.** (2018) Lexical-semantics in language production, *Laboratoire de Psychologie Cognitive, Marseille, France,* 30 November.

8. **Fargier, R.** (2018) Lexical-semantics in language production, *Dynamique du Langage, Lyon, France,* 20 November.

7. **Fargier, R.** (2018) Language production across the lifespan, *Laboratoire de Neurosciences Cognitives, Marseille, France,* 11 June.

6. **Fargier, R.** (2018) Cognition incarnée et 'apprentissage': Emergence des représentations sémantiques dans le cerveau, *Séminaire Embodiment-Le rôle du corps dans la cognition, ED, Aix-en-Provence, France,* 13 February.

5. **Fargier, R.** (2017) Influence du degré de typicalité des objets dans la production de mots, *Hôpital Universitaire de Genève HUG, Geneva, Switzerland,* 8 May.

4. **Fargier, R.** (2016) Neurophysiological modulations of word planning by dual-tasks, *Max Planck Institute of Psycholinguistics, Nijmegen, The Netherlands,* 15 June.

3. **Fargier, R.** (2014) Tracking word-meaning in the brain: A learning perspective, *ENS-Lyon, Lyon, France,* 21 March.

2. **Fargier, R.** (2013) Tracking word-meaning in the brain: A learning perspective, *FPSE, Geneva, Switzerland,* 19 November.

1. **Fargier, R.** (2013) Tracking word-meaning in the brain, *"Vision, action and concepts: Behavioural and neural basis of embodied perception and cognition" International Symposium, Lille, France,* 28-30 October [Invited Young Speaker].

Oral communications

17. **Fargier, R.**, Falck, A., Hovland, T., Bayar, H. & von Koss Torkildsen, J. (2023) Situational variability in narrative contexts facilitates the learning and retention of novel words, *Embodied and Situated Language Processing* annual conference (ESLP), 28-29 September, Messina, Italy.

[16.] **Fargier, R.**, Falck, A., Hovland, T., Bayar, H. & von Koss Torkildsen, J. (2023) Situational variability in narrative contexts facilitates the learning and retention of novel words, *EPS Contextual diversity workshop*, 21-22 September, London, UK.

[15.] Meunier, F.* & **Fargier, R.*** (2023) Language Neuroscience, Research workshop *Modeling cognitive processes through human-AI interaction activities*, 05 July, Sophia-Antipolis, France. *Co-speakers

[14.] **Fargier, R.**, & Ballot, C. (2022) From positive to negative "craziness" and "rule": Changes in emotional valence of words across adulthood, *Embodied and Situated Language Processing* annual conference (ESLP), 28-29 August, Lille, France.

[13.] **Fargier, R.**, Falck, A., Hovland, T., Bayar, H. & von Koss Torkildsen, J. (2022) The influence of contextual variability on word learning: does the type of variability matter? 17th *conference of the Swedish Cognitive Society*, 16-17 June, Örebro, Sweden.

[12.] **Fargier, R.**, Falck, A. & von Koss Torkildsen, J. (2021) The influence of contextual variability on word learning: does the type of variability matter? *Annual conference of the Society of Neurobiology of Language* [online], Slide Slam Session, 5-8 October.

[11.] **Fargier, R.**, Montant, M. & Strijkers, K. (2021) The production of abstract words, *Embodied and Situated Language Processing* annual conference *(ESLP)* [online], 20 September.

[10.] Zappa, A., Bolger, D., Pergandi, J-M., **Fargier, R.**, Mestre D. & Frenck-Mestre, C. (2021) Does embodied verb learning affect representation and retention? *Embodied and Situated Language Processing* annual conference *(ESLP)* [online], 24 September.

[9.] **Fargier, R.** & Laganaro M. (2020) Referential and inferential production across the lifespan : different patterns and different underlying mechanisms, *SPPL2020, 2nd Workshop on Speech Perception and Production Across the Lifespan*, London, UK, 30-31 March. [online due to COVID-19 pandemic outbreak]

[8.] Atanasova, T., Krethlow, G., **Fargier, R.** & Laganaro, M. (2020) When do neurophysiological correlates of word production change in the adult lifespan? *SPPL2020, 2nd Workshop on Speech Perception and Production Across the Lifespan,* London, UK, 30-31 March.

[7.] Pinet, S* & **Fargier, R*.** (2018) SNL in numbers, *10th Annual meeting of the Society for the Neurobiology of language, Québec city, Québec, Canada,* 16-18 August. *Co-speakers

[6.] **Fargier, R.** (2018) Spatio-temporal dynamics of speech planning processes: Insights from microstates analyses, postdoc presentation at *Lunchtalk, BLRI, Aix-en-Provence, France,* 18 May.

[5.] **Fargier, R.** (2018) Microstates in the study of higher-order representations, Presented at the annual meeting of the *Brain and Language Research Institute, Marseille, France,* 23 February.

[4.] **Fargier, R.** (2017) From EEG waveforms to microstates: Methodology and examples, *18th Science of Aphasia meeting, Geneva, Switzerland,* 11-14 September.

[3.] **Fargier, R.** (2017) La dynamique temporelle du traitement sémantique en production: d'observations en réflexions, Presented at the *NeuroPsychoLinguistics laboratory EEG seminar, FPSE, Geneva, Switzerland,* 18 December.

[2.] **Fargier, R.**, Ménoret, M., Boulenger, V., Nazir, T.A and Paulignan, Y. (2012) Grasp it loudly! Supporting motor actions with semantically congruent spoken action words. Presented at the *Scientific Meeting of the ED NSCo, Lyon, France,* June.

[1.] **Fargier, R**., Paulignan, Y., Boulenger, V., Monaghan, P. and Nazir, T. (2009) Monitoring the emergence of shared neural networks between action, perception and language : An analysis of brain dynamics. *1st Annual conference of the Society of Neurobiology of Language, Chicago, Illinois, USA*, 15-16 October.

Posted communications (21/44 as first author)

[44.] Zappa, A., Slater, M., **Fargier, R.**, Anderssen, N., Zambrana, I. & Rodriguez-Fornells, A. (2023) Can social gaze in a naturalistic VR environment contribute to L2 word learning? *Embodied and Situated Language Processing* annual conference (ESLP), 28-29 September, Messina, Italy.

43. **Fargier, R.**, Falck, A., Hovland, T., Bayar, H. & von Koss Torkildsen, J. (2023) The influence of contextual variability on word learning: does the type of variability matter? 23rd *conference of the European Society for Cognitive Psychology*, Porto, Portugal, September 6-9.

42. Goupil, L., **Fargier, R.**, Fracchiolla, B. (2023) Analyzing vocal productions in self-induced cognitive trance, *Annual conference of the NeuroMod Institute*, Antibes, France, June 28-29.

41. Manka, E., **Fargier, R.**, Reynaud-Bouret, P. (2023) EEG Microstates analysis on language production tasks, *Annual conference of the NeuroMod Institute*, Antibes, France, June 28-29.

40. **Fargier, R.**, Falck, A., Hovland, T., Bayar, H. & von Koss Torkildsen, J. (2023) The influence of contextual variability on word learning: does the type of variability matter? *Annual conference of the NeuroMod Institute*, Antibes, France, June 28-29.

39. **Fargier, R.**, Falck, A., Hovland, T., Bayar, H. & von Koss Torkildsen, J. (2022) The influence of contextual variability on word learning: does the type of variability matter? 22nd *conference of the European Society for Cognitive Psychology*, 29 Aug-1 Sept.

38. Zappa, A., Bolger, D., Pergandi, J-M., **Fargier, R.**, Mestre D. & Frenck-Mestre, C. (2020) Does embodied L2 verb learning affect retention and representation? *ELDM Embodied interactions, Languaging and the Dynamic Medium*, Lyon, France, 18 February.

37. Krethlow, G., **Fargier, R.** & Laganaro, M. (2020) Age-specific effects of lexical-semantic networks on word production across the lifespan, *SPPL2020, 2nd Workshop on Speech Perception and Production Across the Lifespan*, Londres, Royaume-Uni, 30-31 March.

36. Krethlow, G., Atanasova, T., **Fargier, R.** & Laganaro, M. (2019) When Do Neurophysiological Correlates of Word Production Change Across the Adult Lifespan? *11th Annual conference of the Society of Neurobiology of Language*, Helsinki, Finlande, 20-22 August.

35. Atanasova, T., **Fargier, R.**, Zesiger, P. & Laganaro, M. (2019) Dynamics of Word Production in the Transition from Adolescence to Adulthood: an adult-like behaviour in spite of some child-like neurophysiological patterns, *11th Annual conference of the Society of Neurobiology of Language*, Helsinki, Finlande, 20-22 August.

34. **Fargier, R.**, Montant, M. & Strijkers, K. (2019) The activation of sensory and emotional experience during speech production, *NeuroFrance-Annual meeting of the French Society for Neuroscience*, Marseille, France, 21-24 May.

33. **Fargier, R.**, Montant, M. & Strijkers, K. (2019) The activation of sensory and emotional experience during speech production, *ILCB bi-annual meeting*, Porquerolles, France, 15-17 May.

32. Krethlow, G., **Fargier, R.** & Laganaro, M. (2018) Influence of semantic association networks on the speed of word production across the lifespan, *19th Science of Aphasia Conference 2018*, Venezia, Italy, 18-22 September.

31. **Fargier, R.** & Laganaro, M. (2018) Language production across the lifespan: Insights from inferential naming, *10th Annual conference of the Society of Neurobiology of Language*, Québec city, Québec, Canada, 16-18 August.

30. Krethlow, G., **Fargier, R.** & Laganaro, M. (2018) Influence of semantic association networks on the speed of word production across the lifespan, *International Workshop of Language Production 2018*, Nijmegen, The Netherlands, 2-4 July.

29. **Fargier, R**. & Laganaro, M. (2018) Language production across the lifespan: Insights from inferential naming, *International Workshop of Language Production 2018*, Nijmegen, The Netherlands, 2-4 July.

28. Atanasova, T., **Fargier, R.**, Zesiger, P. & Laganaro, M. (2018) Dynamics of single word production from childhood to adolescence and adulthood, *CuttingEEG 4th Symposium*, Paris, France, 2-5 July.

27. Atanasova, T., **Fargier, R.**, Zesiger, P. & Laganaro, M. (2018) Dynamics of single word production from childhood to adolescence and adulthood, *Social Communication across the Lifespan workshop*, Lancaster, UK, 27-29 June.

26. **Fargier, R.,** Krethlow, G., Ménétré, E. & Laganaro, M. (2017) Lexical access in inferring naming, *9th Annual conference of the Society of Neurobiology of Language,* Baltimore, USA, 8-10 November.

25. **Fargier, R.,** Pellet-Cheneval, P., Assal, F. and Laganaro, M. (2017) Typicality advantage for exemplars in picture naming and word-picture matching: Evidence from a case study of semantic variant of PPA, *18th Science of Aphasia Conference, University of Geneva, Switzerland,* 11-14 September.

24. Bonnans, C., **Fargier, R.,** and Laganaro, M. (2017) Dual-tasks interference in word planning processes in aphasia depends on the underlying impairment, *18th Science of Aphasia Conference, University of Geneva, Switzerland,* 11-14 September.

23. Anatasova, T., **Fargier, R.,** Zesiger, P. and Laganaro, M. (2017) Dynamics of single word production from childhood to adolescence and adulthood, *14th Lemanic Neuroscience Annual Meeting (LNAM)*, Les Diablerets, Switzerland, 1-2 September.

22. Ménétré, E., **Fargier, R.** and Laganaro, M. (2017) New insight into the conflict adaptation in a s troop task: evidence from behavioral and ERP data, *ESCOP*, Potsdam, Germany, 3-6 September.

21. **Fargier, R.** & Laganaro, M. (2017) Dual-tasks experiments: Relevance of EEG signal subtractions and microstate analyses, *CuttingEEG 3rd Symposium*, University of Glasgow, UK, 19-22 June.

20. Bonnans, C., **Fargier, R.** and Laganaro, M. (2016) Impact of concurrent auditory tasks in picture naming in aphasia, *17th Science of Aphasia Conference*, Venice, Italy, 26-29 September.

19. **Fargier, R.** and Laganaro, M. (2016) Influence of the degree of object typicality in the course of word production: an ERP study, *8th Annual conference of the Society of Neurobiology of Language*, London, UK, 17-20 August.

18. **Fargier, R.** and Laganaro, M. (2016) Modulations of word planning processes by dual-tasks: an ERP study with different SOAs, *International Workshop of Language Production 2016*, La Jolla San Diego, USA, 25-27 July.

17. Python, G., **Fargier, R.** and Laganaro, M. (2016) ERP contrast of semantic facilitation vs interference in picture naming, *International Workshop of Language Production 2016*, La Jolla San Diego, USA, 25-27 July.

16. **Fargier, R.,** Bürki, A., Valente, A., Pinet, S., Alario, F.X. and Laganaro, M. (2016) Using word onset phonetic properties to track the signature of the EEG motor artefact in speech production, *Annual Meeting of the Organization for Human Brain Mapping*, Genève, Switzerland, 26-30 June.

15. Python, G., **Fargier, R*.**, Laganaro, M., (2015) ERP investigation of semantic facilitation in picture naming, *7th Annual conference of the Society of Neurobiology of Language*, Chicago, USA, 15-17 October.

14. **Fargier, R.,** Laganaro, M. (2015) Dynamics of speech encoding processes under increased attentional demand : an ERP study on dual-tasks interference, *7th Annual conference of the Society of Neurobiology of Language*, Chicago, USA, 15-17 October.

13. Python, G., Pellet Cheneval, P., **Fargier, R.,** Gay, A.C. & Laganaro, M. (2015) How do categorical and associative primes affect picture naming in aphasia? *16th Science of Aphasia Conference, University of Aveiro, Portugal,* 17-22 September.

12. **Fargier, R.** & Laganaro, M. (2015) ERPs modulations of lexical-semantic processes during word production in context. *8th Annual Conference on Embodied and Situated Language Processing (ESLP)*, Lyon, France, 29-31 July.

11. Nicolo, P., **Fargier, R**., Laganaro, M. & Guggisberg, A.G. (2015) Effects of theta-burst stimulation on word learning, *Rehab Week 2015*, Valencia, Spain, 9-12 June.

10. **Fargier, R.** & Laganaro, M. (2015) ERPs modulations of lexical-semantic processes during word production in context. *EPS workshop "Language in context: An ecological turn to embodied language"*, London, United Kingdom, 8-9 January.

9. **Fargier, R.**, Aravena, P., Raguet, L., Cheylus, A., Paulignan, Y., Ciumas, C. and Nazir, T.A. (2014) Tracking the emergence of word-meaning in the brain : An fMRI study. *6th Annual conference of the Society of Neurobiology of Language*, Amsterdam, NL, 27-29 August.

8. **Fargier, R.**, & Laganaro, M. (2014) Neural dynamics of lexical-semantic processes during word production: Action verbs, action nouns and object nouns. *7th Annual conference of the Society of Neurobiology of Language*, Amsterdam, The Netherlands, 27-29 August.

7. **Fargier, R.**, & Laganaro, M. (2014) Neural dynamics of lexical-semantic processes during word production: Action verbs, action nouns and object nouns. *International Workshop of Language Production 2014*, Geneva, Switzerland, 16-18 July.

6. Cheylus, A., **Fargier, R.** & Nazir, T.A. (2013) Corrélations entre signaux EEG : un code d'analyse parallélisme, *Deuxièmes rencontres R*, Lyon, France, June.

5. Ménoret, M., Varnet, L., **Fargier, R.,** Cheylus, A., Curie, A., des Portes, V., Nazir, T.A. and Paulignan, Y. (2013) Neural correlates of non-verbal social interactions: Insights from Single & Dual-EEG analyses, *6th Annual Meeting of the Social & Affective Neuroscience Society*, San Francisco, USA, 12-13 April.

4. **Fargier, R.,** Ménoret, M., Reboul, A., Paulignan, Y., and Nazir, T.A. (2012) Linking language to motor structures through words: the privileged status of verbal stimuli. *4th Annual Conference of the Society of Neurobiology of Language*, San Sebastian, Spain, 25-27 October.

3. Ménoret, M., **Fargier, R., C**urie, A., Des Portes, V., Nazir, T.A. and Paulignan, Y. (2012) Neural basis of non-verbal social interactions: a Dual-EEG study. *19th Annual Cognitive Neuroscience Society meeting*, Chicago, Illinois, USA, 31-3 May.

2. **Fargier, R., P**loux, S., Paulignan, Y., Reboul, A., and Nazir, T.A. (2011) Differentiating two semantic categories in ERPs during the acquisition of novel words. *3rd Annual conference of the Society of Neurobiology of Language*, Annapolis, Maryland, USA, 9-11 November.

1. **Fargier, R., P**loux, S., Paulignan, Y., van der Enst, JB., Reboul, A., and Nazir, T.A. (2010) The emergence of shared meaning during the acquisition of novel words (an EEG study). *Human Brain Mapping*, Barcelona, Spain, 5-10 June.

GRANTS & FELLOWSHIPS

Research grants obtained as Principal Investigator or co-PI

2022   **Junior Professor Chair,** NeuroMod Institute, BCL, Université Côte d'Azur [200 000 €/3 years]

2022   **Department Special Needs Education,** internal funding for workshop with JVK. Torkildsen & A. Falck. [30 000 NOK]

2022   **Department Special Needs Education,** internal funding [74 580 NOK]

2021   **Department Special Needs Education,** internal funding [67 000 NOK]

2020   **University of Oslo,** post-doctoral fellowship from open call, project *"Immersive and   Situated learning",* [3 years, starting date: March 2021, 1 635 000 NOK]

2018   **Institute of Language, Communication and the Brain ILCB** (ANR-16-CONV-0002)*,* Support "au fil de l'eau" (EEG experiments), *"Neural dynamics of the production of abstract words in inferential naming tasks"*, Aix-Marseille University [1 000€]

2017   **Institute of Language, Communication and the Brain ILCB** (ANR-16-CONV-0002)*,* post-doctoral fellowship from open call, project *"Neural dynamics of the production of abstract words in inferential naming tasks"*, Aix-Marseille University [2 years, ~110 000€]

2012   **Association de Recherche Thérapeutique,** *« L'impact du geste sur l'apprentissage du langage »,* Service de Médecine Interne, Centre Hospitalier Lyon Sud [6 months, 01/01/2013-30/06/2013, ~10 000€]

2010   **Institut Fédératif des Neurosciences de Lyon IFNL,** Co-PI : Dr. Nazir (fMRI experiments) [6500 €]

2009   **Ministère de l'Enseignement Supérieur et de la Recherche MESR***,* *« Tracking word meaning in the brain »,* UCBL1 (ED 476 Neurosciences & Cognition), doctoral grant [3 years, 01/10/2009-30/09/2012, ~50 000€]

2009   **Région Rhône-Alpes** (CIBLE, créativité-innovation), EEG devices/Material, Co-PI :   Dr.   Nazir [24 500€]

Research grants obtained as Collaborator

2023   **Neuromod institute Call for major projects - Synergy** . Project « NeuroKoopman », [30 000€] PI : P. Reynaud-Bouret

Collaborators at UCA, France and at University of Genova, Italy

2023   **CNRS Programme Interne Blanc MITI 2022.2** . Project « CoFRy-Connectivité Fonctionnelle entre Rythmes EEG », [15 000€] PI : P. Reynaud-Bouret

Collaborators at UCA : I. Bethus, D. Vistoli

2019 **Institute of Language, Communication and the Brain ILCB** (ANR-16-CONV-0002) "How highly immersive multimodal interactive 3D virtual reality (VR) environment and physical movement enhances foreign language learning compared to passive action observation", [3 000 €]

Collaborators at AMU: A. Zappa, Dr. C. Frenck-Mestre, Dr. D. Frenck-Mestre, Dr. D.Bolger

2019 **Institute of Language, Communication and the Brain ILCB** (ANR-16-CONV-0002) « Regulatory mechanisms in word- form encoding: behavioural and neural signatures of sensorimotor adaptation in voicing contrast », [30 000 €], PI: Dr. A. Marczyk, AMU

Collaborator in funded research projects

2016-2017 **Swiss National Science Foundation SNSF** (Grant n° 00014_165647)

« Dynamics of word production across the lifespan" [328 543 CHF]

PI: Pr. M. Laganaro & Pr. P. Zesiger, University of Geneva

2014-2016 **Partenariat Hubert Curien** *(campus France)* french-swiss grant *Germaine de Staël* (n° 2013-22)

« Mental chronometry and electrophysiology of language production processes »

[6 000 €]

PI : Pr. M. Laganaro (University of Geneva), Dr. F-X. Alario (Aix-Marseille University)

2014-2016 **Swiss National Science Foundation SNSF** (Grant n° 105314_146113/1)

"Dynamics of interference and facilitation of word production" [546 051 CHF]

PI: Pr. M. Laganaro, University of Geneva

Travel/Mobility Grants

2023 **EPS Contextual Diversity Workshop grant**, Mobility stipend to participate in the workshop, London, UK [500£]

2023 **University Center of Norway in Paris**, Mobility stipend for a research stay at UiO, Oslo, Norway [15 000 NOK]

2017 **Academic society of Geneva SACAD,** Grant for the 9th annual meeting of the Society for the Neurobiology of Language, Baltimore, USA [1 000 CHF]

2016 **Presidency of the FPSE**, Grant for the 2016 International Workshop of Language Production IWLP, San Diego, USA [2 000 CHF]

2015 **Swiss academy of social sciences and humanities ASSH/SAGW**, Grant for the 7th annual meeting of the Society for the Neurobiology of Language, Chicago, USA [1 000 CHF]

2012 **IFNL Lyon/UCBL1**, Grant for the 4th annual meeting of the Society for the Neurobiology of Language, *San Sebastian, Spain* [600 €]

Grants obtained to support organization of local events

2023   **Science of Aphasia 2023** in Nice

Support from *Academie5 (2500€), CSI (3750€), BCL (1000€), NeuroMod Institute (3000€)*

Grant applications under review

2023   **Agence Nationale de la Recherche (ANR),** Call "PRC"

Project DYNEUSTARE (Collaborator, PI I. Bethus)

Host institution: IPMC, CNRS

2023   **Agence Nationale de la Recherche (ANR),** Call "PRC"

Project ENCLOSE (Collaborator, PI S. Casalis)

Host institution: ScaLab, University of Lille

Other major grant application achievements

2023   **Agence Nationale de la Recherche (ANR),** Call "AMORCE", Appui au MOntage de projet

de Recherche en Coordination Européenne

Project CraCoLang (Cracking the neural code of language); not funded

With P. Reynaud-Bouret & A. Muzy

Host institution: Université Côte d'Azur, BCL, France; Budget: € 10K.

2022   **Agence Nationale de la Recherche (ANR),** Call "ANR JCJC",

Topic: LIFESEMANTICS; "A dynamic and multidimensional approach of semantic processing

across the lifespan"; 2years project; Panel score B, not funded

Host institution: Université Côte d'Azur, BCL, France; Budget: € 200K.

2022   **Research Council of Norway,** Call "Researcher project for scientific renewal",

Topic: Education and competence; Average grade 5.25/7, not funded (success rate 5%)

Project EQUALVOC (Equality in Vocabulary? The influence of learning contexts on

word knowledge in children from low and high socioeconomic backgrounds)

Host institution: University of Oslo, Norway; Budget: NOK 12 mil.

2020   **Fondation Alzheimer/Fondation de France** (Young Research Position)

Project SEMINAL (Semantic markers in Alzheimer's disease); Support from host

institution: Institute of Neuroscience of Systems (AMU), France; not funded.

2020   **ERC Starting Grant** application (European Research Council), Panel SH4

Project DYNAMICS (Dynamic Semantics: Variation and flexibility in semantic

abilities across the lifespan); Support from host institution: Aix-Marseille University

Budget: € 1.5 mil; Panel score: B; Ranking range : 33-40% (top 32% selected)

Honors/Awards

2023   **Gorilla ESLP conference prize** for best oral presentation, ESLP, Messina, Italy

2023   **Nominated** to stand for election as Secretary**,** Society for the Neurobiology of Language

2019   **Qualification** to the function of Assistant/Associate Professor (mandatory pre-requisite for teaching & research faculty positions in France)

Section CNU 69 – **Neurosciences**   (N° 19269330293)

COLLECTIVE ACTIVITIES

Organization of internal seminars & international conferences

2024   **Organization committee** *IWoLP* (100p; 26-28 June 2024), Marseille, France.

2023   **Organization committee** *Science of Aphasia* (120p; 18-21 Sept 2023), Nice, France.

        Organization committee *Annual conference NeuroMod* (29-30 June 2023), Antibes, France.

        Organization committee *IAREP-SABE* (7-10 June 2023), Nice, France.

2022   **Organizer ComPros Workshop on EEG** (1 day), ISP, Oslo, Norway.

2019   **Co-Organizer** (Invitations, Coordination, Logistics) ILCB workshop "Inter-ACT: a workshop on action and communication bridging psycholinguistics and social neuroscience", LPL, Aix-en-Provence, France

2017   **Co-Organizer** Workshop EEG/ERPs (1/2 day), 18th annual meeting of *Science of Aphasia*, Geneva, Switzerland

2016   **Volunteer** Organization of Human Brain Mapping, Geneva, Switzerland

2015   **Organization committee** (Organization, Editorial content, Logistics), 8th meeting Embodied and Situated Language Processing (ESLP), Lyon, France

2014-2017   **Organizer** of the EEG seminars (NeuroPsycholinguistics group at the FPSE, University of Geneva), *monthly meetings*

2014   **Organization** International Workshop of Language Production, Geneva, Switzerland

2010-2012   **Co-organization** of brown-bag seminars, L2C2*, monthly meetings*

Committee service & Representative work

2023-   BCL **Science and Society correspondent** for outreach strategies at UCA

2022-23   **Member selection committee** NeuroMod **PhD fellowships**

        Member and co-organizer of 2nd year MSc internships reports committees (10 students, MSc Mod4NeuCog, UCA)

        Member and co-organizer of 1st year MSc internships reports committees (13 students, MSc Mod4NeuCog, UCA)

        Participation to the Master Mod4NeuCog Development Council

2021   **Representative member** of the research group 'Communicative Processes' at the faculty workshop on Horizon Europe + dev. Assessment tools, ISP, University of Oslo

2018-2020   **Member of the Council of direction** of the Institute of Language, Communication and Brain (ILCB), Aix-Marseille University

        Member of the Evaluation Committee of funded scientific projects ILCB « demandes au fil de l'eau » (**Coordinator** May 2019 – March 2020), *monthly meetings*

2014-2018   **Member** of Master's thesis **Evaluation committee** (8 students, Neuroscience/Logopedy), FPSE, University of Geneva

2010- 2012 **Student representative** at the L2C2 (CNRS UMR 5304, Bron)

Administrative responsibilities of facilities

2022   **Administrator** Departmental license *Testable* (University of Oslo)

2014- 2017   **Administrator** of the NeuroPsycholinguistics EEG lab (University of Geneva)

Participation to interdisciplinary and inter-labs groups

2021-2022   **Member of the Oslo ReproducibiliTea group** (Conversations on Open Science),
                University of Oslo, *bi-monthly meetings*

2018-2020   **Member of the interdisciplinary ILCB postdoc/doc group**, Aix-Marseille
                University, *monthly collaborative seminars*

Society memberships

Society for the Neurobiology of Language (SNL) 2009, 2011-2012,2014-

Organization Human Brain Mapping (OHBM) 2010, 2016

EDITORIAL AND REVIEWING ACTIVITIES

Editorial activities

Since 2021   Member of the Editorial board of BMC Neuroscience
2022   Coordinator special issue "Les multiples dimensions du lexique : Approches
                 théoriques actuelles et implications cliniques (with L.Alaria) A.N.A.E. (Approche
                 Neuropsychologique des Apprentissages chez l'Enfant)

Ad hoc Reviewing for journals [https://publons.com/researcher/1639883/raphael-fargier/]

Brain and Language | Brain Sciences | British Journal of Psychology | Cognitive Neurodynamics | Frontiers
in Human Neuroscience | Frontiers in Psychology | Journal of Cognition | Journal of Cognitive Neuroscience
| Journal of Psycholinguistic research | Language and Cognition | Language, Cognition and Neuroscience
| Nature Scientific Reports | PeerJ | PlosONE | Psychology of Language and Communication | Quarterly
Journal of Experimental Psychology | Scandinavian journal of Psychology |

Ad hoc Reviewing for conferences

Since 2020 Society for the Neurobiology of Language

Ad hoc Reviewing for grant applications

2021 Université Grenoble-Alpes (IRGA2021)

TEACHING EXPERIENCE

Spring 2023

Université Côte d'Azur

Lectures

« Towards measures of engagement in cognitive processes » (12h) MSc Luxury business and Affluencers

« Réseaux du langage et apprentissage » (6h) Master NPC

Fall 2022

Université Côte d'Azur, Institute Neuromod (MSc Mod4NeuCog)

Lectures

« The neuron », « The synapse » (6h) Bootcamp Master level

"Cognitive neuroscience of language" (as part of course "Language", 15h) Master level

"From concepts to words: a neurocognitive approach" (NeuroMod mini-course, 3h) Master level

Seminars

« Scientific communication » (10h) Master level

University of Oslo, Faculty of Educational Sciences

Workshop IDEA on EEG (2h)

Lectures

"Perceptual development", Bachelor level, Special Education (2h)

"The brain", Master level, Special education (4h)

Spring 2022

University of Oslo, Faculty of Educational Sciences

Lecture

 "Executive functions and learning", Bachelor level, Special Education (2h)

Seminars leader

"Innovation and Counselling", Master level, Education/Special Education (14h + grading)

Grading 1 Master thesis

Fall 2021

University of Oslo, Faculty of Educational Sciences

Lectures (digital teaching)

"Perceptual development", Bachelor level, Special Education (2h)

"The brain", Master level, Special Education (3h) – *Responsible program/material/teaching*

"Inclusion in a neurobiological developmental theoretical perspective", Master level, Special Education (2h)

– *Responsible program/material/teaching*

Guest lecturer "EEG/ERPs recordings and analyses"

IBRO-APRC Georgian Associate School of Neuroscience

Invited to teach 1 lecture (3h), digital teaching

Spring 2021

Guest lecture at the **Speech therapy continuing education** "Lexique et sémantique" – 130 participants

University of Geneva, Faculty of Psychology and Educational Sciences

Invited to teach 1 lecture "Theoretical introduction: the lexicon across the lifespan"

Online & worldwide workshop for academics, **"**EEG/ERPs recordings and analyses: A multifaceted approach to EEG signal processing" – 46 students

ScienceBeam

Developed and delivered 6 lectures (12 h) for graduate students and researchers with diverse backgrounds, digital teaching

Fall 2017

Workshop EEG/ERPs, *3h* – 20 attendees

University of Geneva, 18th Science of Aphasia meeting

Responsibilities: Developed and instructed two hands-on sessions on EEG processing, 1. Recording and pre-analyses (beginners), 2. From waveform to microstate analysis (advanced)

Spring 2017

Lecturer, Neuroscience of language

Master level (Neuroscience and Psychology tracks)– 7 students

University of Geneva, Faculty of Psychology and Educational Sciences

Developed and delivered 12 lectures (ex-cathedra) and 1 practical lesson; Organized 1 neurolinguistic experiment/student; Graded two written assignments/student

2015-2016

Guest interventions Bachelor degree Psychology B2/B3

University of Geneva, Faculty of Psychology and Educational Sciences

Responsibilities: Reported experiments conducted in the Psycholinguistics group, *2h*

2014-2017

Multiple presentations in the framework of EEG seminars **University of Geneva**, Laboratory of Neuropsycholinguistics

SUPERVISION & MENTORING

Student supervision
PhD students: Contribution to data collection, Methodological/Analyses guidance, Guidance of manuscripts writing
MSc students: Tutelage/pedagogical leadership, Research elaboration, Guidance, Evaluation of thesis

PhD students

2023-

Giulio Massari (with F. Meunier; UCA)

2016-2020

Giulia Krethlow (Advisor Pr. Laganaro; UNIGE)

Tanja Atanasova (Advisor Pr. Laganaro; UNIGE)

Caroline Bonnans (2016-2017; withdraw to continue clinical practice) (Advisor Pr. Laganaro; UNIGE)

2014-2018

Grégoire Python (Advisor Pr. Laganaro; UNIGE)

Master students

2023-2024

Léa Allain | Evane Queinnec (with V. Manera) (Neuropsychologie ; UCA)

Emeline Manka (with P. Reynaud-Bouret) (Modelisation Neuroscience & Cognition; UCA)

Mohammad Keshtkar (Modelisation Neuroscience & Cognition; UCA)

Yasmina Ramadani | Asmaa Bziouet (Developmental Psychology; UCA)

Clara Glemot (Developmental Psychology; UCA)

Cynthia Zanthout (with F. Meunier & S. Whyte) (Developmental Psychology; UCA)

2022-2023

Lucas Goupil | Emeline Manka (with P. Reynaud-Bouret) (Modelisation Neuroscience & Cognition; UCA)

Lola Di Manno | Lucas Soury (both from speech therapy program; UCA)

Hakan Bakar | Melissa Mimbela (International program Master in Special Needs Education; UiO)

2018-2019 Nikolaos Ntrenis | Dimitrios Proios (IT) (supervision M. Laganaro, Pr. Nerima; UNIGE)

2016-2017 Tanja Atanasova (Neuroscience) (co-supervision M. Laganaro; UNIGE)

2014-2016

Giulia Krethlow | Madeleine Koechlin (Speech therapy) (co-supervision M. Laganaro; UNIGE)

Capucine du Peloux (Neuroscience) (co-supervision M. Laganaro; UNIGE)

2010-2011

Lucie Ravella (Neuroscience, now PhD) (co-supervision Y. Paulignan; ULYON)

Ouazna Habchi (Neuroscience, now PhD) (co-supervision TA. Nazir; ULYON)

Mentoring of Early Career Researchers
Scientific advising, Proofreading, Personal development. NB: All these ECR agreed to be mentioned in that section
2018-2021

Ana Zappa (AMU)

2014-2018

Marjolaine Cohen (UNIGE); Pauline Pellet-Cheneval (UNIGE)

2013-2014

Pia Aravena (ULYON)

PhD DEFENSE COMMITTEES

2023   David Labrecque – Université du Québec, Montréal, Canada (Rapporteur)

2022   Giusy Cirillo – Laboratoire Parole et Langage (LPL), Université Aix-Marseille, France

2022   Alberto Furgoni – Basque Centre of Brain and Language (BCBL), San Sebastian, Spain

PhD INTERMEDIATE COMMITTEES

2024   Abigail Licata, advisor Dr. Borghesani – Université de Genève, Suisse

2023   Hilde Kristin Thomsen, advisor Dr. Arslan – Université Côte d'Azur, France

2023   Cyrielle Demierre, advisor Pr. Laganaro – Université de Genève, Suisse

2022   Julie Franco, advisor Pr. Laganaro – Université de Genève, Suisse

OUTREACH ACTIVITIES

2023	Festival des Sciences, *Nice, France*
2019	Workshop « Brain and Language », *Open doors of the Laboratoire Parole et Langage - 80 years of the CNRS, Aix-en-Provence, France*
2018	Workshop LPL – « Turn-taking », *European night of researchers, Marseille, France*
2015	Workshop "The language in every way", 40 years of the FPSE- *Remue-méninges à la FPSE,* Geneva, Switzerland
2013	Annual fair IME Le Grapillon, Saintes-Foy-lès-Lyon, France

OTHER ACTIVITIES

Since 2020	**EEG Mentor** for *ScienceBeam*
Since 2014	**Member of the steering committee** of *Sanitad Conseil* (organism of continuing education in the health and social domain)
Since 2014	**Scientific advisor** for *Sanitad Conseil*

COMPLEMENTARY INFORMATION

Toolbox

Neuroscience:

> **Electroencephalography** (EEG) and high-density (128 electrodes) **EEG**: Recordings (BrainVision/BioSemi) | ERPs analyses (BrainVision, Cartool, Fieldtrip) | Spatio-temporal segmentation/microstate analyses (Cartool, Ragu) | Oscillations/Time-frequency analyses (BrainVision, BrainStorm, Fieldtrip) | multivariate analyses (R)
>
> **functional Magnetic Resonance Imaging:** univariate analyses (Spm)
>
> **Kinematics:** recordings and analyses (*Optodisp*)

Behavior :

> **Speech production** analysis : Accuracy/Latency/Errors (CheckVocal) | **Databases construction** | **Neuropsychological evaluation** (Vocabulary/Working memory e.g. WAIS)
>
> **Statistics** (R, Statistica): uni- and multi-variate analyses (mixed-models, multivariate regressions) | machine-learning/clustering

IT: Windows, OS, E-prime, Qualtrics.

Languages: French (native), English (full professional competence)

Trainings

2022 Workshops on Reproducibility: 1. Using Open Science Framework 2. Using synthetic datasets to facilitate the safe sharing of sensitive data, NORRN, UiO, Oslo, Norway (1/2 day)

2021 Media training with journalist Terje Svabo, *University of Oslo, Norway (1/2 day)*

2019 Introduction Python, MVPA & nilearn, *Marseille, France (3 days)*

2018 ILCB Summer school (e.g. introduction to machine learning), *Marseille, France (5 days)*

2015 Introduction to Brainstorm software, *Geneva, Switzerland (2 days)*

2012 JIRFNI: Neuroanatomy (INSERM & CNRS), *Lyon, France (5 days)*

2011 JIRFNI: anatomic and functional MRI : introduction to principles and tools (INSERM & CNRS), *Lyon, France (5 days)*

2009 BrainVisionAnalyzer2, intermediary user workshop, *Lyon, France (2 days)*