

Maëva Garnier



Date of birth : 19th of January, 1980, France
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Education

- 2007** Ph.D. in Phonetic Acoustics, University of Paris VI, Paris, France.
2003 M.Sc. in Acoustics, Signal processing and Computer science applied to Music (ATIAM), University of Paris VI / IRCAM, France.
2002 Undergraduate engineering degree (Electronics and signal processing), ENSERG, INP Grenoble.

Research experience

- 2011-now** Permanent researcher in speech sciences, CNRS, GIPSA-lab, Grenoble.
2010-2011 Post doc in neurophonetics, GIPSA-lab, Grenoble.
2007-2010 Post-doc in voice acoustics, Music Acoustics lab, UNSW, Sydney.
2003-2007 Ph.D student in phonetic acoustics, Music Acoustics lab, University of Paris VI, Paris.

Research grants

- 2012** Project « Occlustrain », University Joseph Fourier (10k€)
2013 PEPS Project « Phon&Stat » (10k€)
2014 PEPS Project « Parity » (10k€)
2015-2019 ANR Project « StopNCo » (120 k€)

Supervision

2 Ph.D. student (Tracy Bourne (2009-2016), Thibault Cattelain (from 2015)), 1 Post-Doc (Angélique Remacle (2014-2016)), 5 M.Sc students, 4 memoires of speech therapy.

Other activities

- 2004-present** Publication of 14 articles in international peer-reviewed journals, 3 book chapters and 15 peer-reviewed articles in the proceedings of international conferences.
2004-present About 50 scientific presentations in international conferences, 4 of them being invited talks.
2008-present Reviewer for several international journals in acoustics, speech sciences and cognitive sciences.

5 main publications

- **Garnier, M.** et Henrich, N. (2014) "Speaking in noise: How does the Lombard effect improve acoustic contrasts between speech and ambient noise?", *Computer Speech and Language* 28, 580-597.
- **Garnier, M.**, Lamalle, L. et Sato, M. (2013) "Neural correlates of phonetic convergence and speech imitation", *Frontiers in Psychology*, Article 600.
- **Garnier, M.**, Henrich, N., Crevier Buchman, L., Vincent, C., Smith, J. et Wolfe, J. (2012) "Glottal behavior in the high soprano range and the transition to the whistle register" *Journal of the Acoustical Society of America* 131(1), 951-962.
- **Garnier, M.**, Henrich, N., Wolfe, J., et Smith, J. (2010) "Vocal tract adjustments in the high soprano range". *Journal of the Acoustical Society of America* 127(6), 3771-3780.
- **Garnier, M.**, Henrich, N. et Dubois, D. (2010) "Influence of sound immersion and communicative interaction on the Lombard effect ". *Journal of Speech, Language and Hearing Research* 53(3), 588-608.