

Curriculum Vitae

Alan Langus

Nazionalità: Estone

Data di Nascita: 01.06.1982

Luogo di Nascita: Tartu, Estonia

Istruzione e formazione:

2006–2010 Dottorato di Ricerca nelle Neuroscienze Cognitive, SISSA – Scuola Internazionale Superiore di Studi Avanzati, Trieste, Italia

2004–2006 Master nelle Scienze Cognitive: Linguaggio e comunicazione, Università di Amsterdam, Paesi Bassi.

2011–2004 Laurea Triennale nella Psicologia Sociale e Cognitiva, Jacobs University Bremen, Germany

2000–2001 Collegio del Mondo Unito, Duino, Italia

Esperienza lavorativa:

2011 Assegno di Ricerca, SISSA – Scuola Internazionale Superiore di Studi Avanzati, Trieste, Italia

2011 Collaboratore al Dipartimento di Biotecnologie Mediche e Medicina Traslazionale, Università degli Studi Milano

2011 Collaboratore al Dipartimento di Psicologia, Università degli Studi di Milano Bicocca

Maggio 2009 Collaboratore al Dipartimento di Linguistica, Boğaziçi University, Istanbul, Turchia

Estate 2008 Studente nel Laboratorio di Sviluppo dell'linguaggio, RIKEN – Brain Science Institute, Tokyo, Giappone

2005–2006 Studente nel laboratorio di EEG (Elettroencefalogramma) , Università di Amsterdam, Paesi Bassi.

2001–2002 Studente nel laboratorio di Cognizione Sociale, Jacobs University Bremen, Germany

Recensore per le seguenti riviste scientifiche:

Behavioral and Brain Sciences; Cognition; Cognitive Psychology; Developmental Science; Frontiers; Infancy; Journal of Experimental Psychology: Learning, Memory and Cognition; Language and Speech.

Supervisione degli studenti:

2011 Amanda Saksida, Doctoral fellow in cognitive neuroscience (SISSA)

2013–present Julia Franzoi, Pre-doctoral fellow in cognitive neuroscience (SISSA)

2014 Caterina Marino, Master's student in cognitive science (University of Trieste)

Pubblicazioni:

Langus, A., Seyed-Allaei, S., Uysal, E., Pirmoradian, S., Toro, J.M., Peña, M., Bion,

- R.A.H., & Nespors, M. (under review). Native listening makes speech special. *Journal of Experimental Psychology: Learning, Memory & Cognition*.
- Saksida, A., Langus, A., & Nespors, M. (under review). Co-occurrence statistics as a language dependent cue for speech segmentation. *Developmental Science*.
- Langus, A. & Nespors, M. (in press). The cognitive basis of grammar. In M. van Oostendorp & H.van Riemsdijk (Eds.) *Representing Structure in Phonology and Syntax*, Mouton de Gruyter.
- Langus, A., Saksida, A., Braidà, D., Martucci, R., Sala, M. & Nespors, M. (2015) Spontaneous object and movement representations in 4-month-old human infants and albino Swiss mice. *Cognition*, Vol. 137, 63-71.
- Guellai, B., Langus, A. & Nespors, M. (2014). Prosody in the hands of the speaker. In I. Berent and S. Goldin-Meadow (eds.) *Language by mouth and by hand*. *Frontiers in Psychology*, Vol. 5, n. 00700
- Langus, A. & Nespors, M. (2013). Language development in infants: what do humans hear in the first months of life? *Hearing, Balance and Communication*.
- Braidà, D., Donzelli, A., Martucci, R., Ponzoni, L., Pauletti, A., Langus, A., & Sala, M. (2013). Mice discriminate between stationary and moving 2D shapes: application to the object recognition task to increase attention. *Behavioral Brain Research*, 242, 95-101.
- Langus, A., Petri, J., Nespors, M., & Scharff, C., (2013). FoxP2 and deep homology in the evolution of birdsong and human language. In Botha, R. and M. Everaert (ed.) *The Emergence of Language*. Oxford University Press, pp. 221-243.
- Langus, A., Marchetto E., Bion, R.A.H., & Nespors, M. (2012). Can prosody be used to discover hierarchical structure in continuous speech? *Journal of Memory and Language*, 66, 285-306.
- Civai, C. & Langus, A. (2012). In medio stat virtus: Theoretical and methodological extremes regarding reciprocity will not explain complex social behaviors (Comment on: Reciprocity: Weak or strong? What punishment experiments do (and do not) demonstrate). *Behavioral and Brain Sciences*, 31 (1), 22-23.
- Langus, A., & Nespors, M. (2010). Cognitive systems struggling for word order. *Cognitive Psychology*, 60 (4), 291-318.
- In Preparation:
- Langus, A., Saksida, A., & Nespors, M. (in prep). Statistical explanations for the active/passive knowledge gap in language acquisition.
- Langus, A., (in prep). Mental rotation as a cognitive disadvantage.
- Langus, A., Franzoi, J., & Nespors, M. (in prep). The origin of spatial attention: divergent developmental paths for social and non-social cues.

Langus, A., Marino, C., & Nespors, M. (in prep). Transfer of rhythm across perceptual domains in human infants.

Saksida, A., Nespors, M., & Langus, A. (in prep). Word learning as a logical inference in 4-month-old infants.

Presentazioni nelle conferenze:

2014 – BCCCD: Budapest CEU Conference on Cognitive Development, Budapest, Hungary

2013 – The Latin America School for Education, Cognitive and Neural Sciences. Itacare, Bahia, Brazil

2013 – WILD: Workshop on Infant Language Development, San Sebastian, Spain

2013 – Artificial Grammar Learning Workshop, Tübingen, Germany

2013 – Trieste Symposium on Perception and Cognition, Trieste, Italy

2010 – Evolang 8: International Conference on the Evolution of Language, Utrecht, The Netherlands

2010 – Tokyo Conference on Psycholinguistics, Tokyo, Japan

2009 – Workshop on Cognition and Evolution, Rovereto, Italy

2008 – AMLAP: Architectures and Mechanisms for Language Processing Cambridge, United Kingdom

2008 – Developmental Foundations of Brain Function and Dysfunction: RIKEN Brain Science Institute Summer School, Tokyo, Japan

2008 – International Psychology Congress, Berlin, Germany

Lingue:

Estone: madrelingua

Inglese: fluente

Italiano: fluente

Tedesco: fluente

Olandese: livello elementare