

## David Aagten-Murphy

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## David Aagten-Murphy

*Post-Doc in Cognitive Science, University of Florence*



## Contacts

- Email: David.AagtenMurphy (AT) gmail.com
- Telephone: +39 050 3153175

## Research laboratories

- University of Sydney, Sydney, Australia
- CNR Institute of Neuroscience, Pisa
- Department of Psychology, University of Florence
- Stella Maris Foundation, Pisa, Italy
- Institute of Education, London, UK

## Education

- **2010 – 2013** ☐ ☐ ☐ ☐ **Università Degli Studi di Firenze** ☐ ☐ ☐ **Firenze, FI, Italia**  
PhD in Psychology (Dottorato in Psicologia XXV)  
Thesis title: Efficient Encoding of Time and Number in Development and Autism  
(Supervisors: Professor David Burr & Dr Liz Pellicano)
  
- **2008 – 2009** ☐ ☐ ☐ **The University Of Sydney** ☐ ☐ **Darlington, NSW, Australia**  
Bachelor of Science – Psychology (Hons – Class I)  
Thesis title: Auditory Depth Perception of Motion in the Near-Field  
(Supervisor: Associate Professor David Alais)
  
- **2005 – 2007** ☐ ☐ ☐ ☐ **The University Of Sydney** ☐ ☐ ☐ ☐ **Darlington, NSW, Australia**  
Bachelor of Science (Psychology & Neuroscience)

#### Current research and interests

- Numerosity perception
- Multi-sensory perception
- Visual integration and segmentation
- Autism

#### Publications

##### 2012

{storepapersauthorcategory: 5: 17:LIST:NONE}

##### 2011

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#### Conferences

- **Aagten-Murphy, D.**, & Burr, D.C. (2012). Brief adaptation-induced plasticity of perception of number. Perception 41 ECVF Abstract Supplement, 41, page 242. [ECVP 2012: Poster].
- Pellicano, E., **Aagten-Murphy, D.**, Daniel N., & Burr, D. (2012). Number sense in Autism. Perception 41 ECVF Abstract Supplement, 41, page 35-36. [ECVP 2012: Talk].
- Tinelli, F., Anobile, G., Gori, M., **Aagten-Murphy, D.**, Cioni, G., Burr, D., & Morrone, M.C. (2012). Perception of numerosity, time and attention in preterm children of low birth-weight. Perception 41 ECVF Abstract Supplement, 41, page 36. [ECVP 2012: Talk].
- Castaldi, E., **Aagten-Murphy, D.**, Tosetti, M., Burr, D., & Morrone, M.C. (2012). Number adaptation does not alter BOLD signal in V1. Perception 41 ECVF Abstract Supplement, 41, page 186. [ECVP 2012: Poster].
- Manning, C., **Aagten-Murphy, D.**, & Pellicano, E. (2012). The development of speed discrimination abilities. Perception 41 ECVF Abstract Supplement, 41, page 21. [ECVP 2012: Poster].
- **Aagten-Murphy, D.**, Cappagli, G., & Burr, D.C. (2012). Musical training generalises across modalities and reveals efficient and adaptive mechanisms for judging temporal intervals. Seeing and Perceiving, 25 IMRF 2012 Abstract Supplement, page 13. [IMRF 2012: Talk - Student Award].
- Manning, C., **Aagten-Murphy, D.**, Charman, T., & Pellicano, E. (2012). Speed discrimination abilities in typical development and in children with autism. 12th Annual Meeting of the International Meeting for Autism Research (IMFAR), Toronto, Canada. [IMFAR 2012: Poster]
- **Aagten-Murphy, D.**, & Burr, D.C. (2011). Brief adaptation-induced plasticity of perception of number. Perception 40 ECVF Abstract Supplement, 40, page 21. [ECVP 2011: Talk].
- **Aagten-Murphy, D.**, Taubert, J., & Parr, L.A. (2010). First-order interference in a face discrimination task for nonhuman primates. Perception 39 ECVF Abstract Supplement, 39, page 92. [ECVP 2010: Poster].
- Taubert, J., Parr, L. A., & **Aagten-Murphy, D.** (2010). How first-order information contributes to face discrimination in nonhuman primates. Journal of Vision, 10(7), 649. [VSS 2010: Poster].

### Theses

- Aagten-Murphy, D. Efficient Encoding of Time and Number in Development and Autism. PhD thesis, University of Florence (2013).
- Murphy, D. Auditory Depth Perception of Motion in the Near-Field. Honours thesis, University of Sydney (2009).