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Maria Laura Filippetti

Nationality: Italian

Date of birth: 6th August 1987

Current Position	PostDoctoral Research Associate at the KatLab, led by Dr Aikaterini Fotopolou, Research Department of Clinical, Education and Health Psychology, University College London, London, UK
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Objective	I am a post-doctoral researcher, interested in body perception, self-awareness, social cognition, and the development of self/other differentiation. My current research investigates the interaction between interoceptive and exteroceptive body-related signals in the development and updating of body-awareness in infants and adults. During my PhD, awarded from the Marie Curie Early Stage Researcher Fellowship, I investigated the developmental origins and neural mechanisms involved in body perception in newborns and infants. I am keen in continuing my career in psychological research. My long-term aim is to become a successful independent research and to develop my own research lab.
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Research Experience	2014-2016	Royal Holloway University of London	Egham, UK
		PostDoctoral Research Associate at the LAB (Laboratory of Action and Body), led by Prof Manos Tsakiris	
		<ul style="list-style-type: none">▪ Recruitment and testing of participants from the student body of Royal Holloway, University of London▪ Organisation, recruitment and testing of infant participants and up-keeping of the BabyLab database▪ Design of experimental paradigms, employing a variety of experimental, psychophysical, and social psychology methods▪ Supervising of interns during data collection and analyses▪ The programming of computer-based paradigms, using a variety of coding languages▪ Disseminating the findings of my research, both at international conferences and to other UK research groups. Authoring research reports for publication in peer-reviewed journals	

2011-2014 **Birkbeck College University of London** London, UK

PhD student at the Centre for Brain and Cognitive Development, supervised by Prof Mark H. Johnson and Dr Sarah Lloyd-Fox

- Organisation, recruitment and testing of infant participants and up-keeping of the BabyLab database
- Extensive training in a variety of research methods as part of the Marie Curie Early Stage Researcher Fellowship
- Supervising of interns during data collection and analyses. Supervision of master's dissertation
- Design of well-controlled experimental paradigms, employing a variety of experimental, psychophysical, neurocognitive and social psychology methods
- Development of innovative testing procedures for the investigation of multisensory processing in human newborns
- Developed working relationship and external links with the medical and nursing staff at the Pediatric Unit Hospital in Monfalcone (Gorizia, Italy) and families
- Disseminating the findings of my research, both at international conferences and to other UK and European research groups. Authoring research reports for publication in peer-reviewed journals

Education 2009-2011 **Università degli Studi di Padova** Padova, Italy

Master of Science in Developmental Psychology (110/110, cum laude)

- Dissertation title: "Subregional hippocampal deformations in adolescents following very preterm birth"

Supervisors: Dr Chiara Nosarti (Institute of Psychiatry, Kings College London) and Dr Teresa Farroni (Università degli Studi di Padova)

2006-2009 **Università degli Studi di Padova** Padova, Italy

Bachelor degree in Developmental Psychology (110/110, cum laude)

- Dissertation title: "Cerebral visual impairment in childhood: a case study"

Supervisor: Prof Salvatore Soresi (Università degli Studi di Padova)

Additional Skills Trainings undertaken during the Marie Curie Early Stage Researcher Fellowship: Collaborating with the private sector (P&G course), fMRI, Genetics, Near Infrared Spectroscopy (NIRS), ERP/EEG, "Future of Developmental Cognitive Neuroscience", Eye Tracking, Matlab, Research Methods.

Other: All MS office applications. SPSS statistical analysis, R statistical computing. Experimental design programming languages, including LabView, MATLAB, E-Prime, Presentation. Supervision of interns (data collection and analyses), master's dissertation and PhD student (experimental design, data analysis, writing up and editing of manuscripts for publication).

Publications & Presentations

Peer-reviewed publications:

Filippetti, M. L., Farroni, T., & Johnson, M. H. (2016). Five-month-old infants' discrimination of visual–tactile synchronous facial stimulation. *Infant and Child Development*, 25(3), 317-322.

Cole, J. H., **Filippetti, M. L.**, Allin, M. P., Walshe, M., Nam, K. W., Gutman, B. A., ... & Nosarti, C. (2015). Subregional hippocampal morphology and psychiatric outcome in adolescents who were born very preterm and at term. *PloS one*, 10(6), e0130094.

Filippetti, M. L., Orioli, G., Johnson, M. H., & Farroni, T. (2015). Newborn body perception: sensitivity to spatial congruency. *Infancy*, 20(4), 455-465.

Filippetti, M. L., Lloyd-Fox, S., Longo, M. R., Farroni, T., & Johnson, M. H. (2014). Neural mechanisms of body awareness in infants. *Cerebral Cortex*, bhu261.

Orioli G., **Filippetti M. L.**, Gerbino, W., Dragovic, D., & Farroni, T. (2014). Newborns are sensitive to impending collision within their peripersonal space. doi: 10.13140/2.1.3914.4006 Conference: TSPC2014. Trieste Symposium on Perception and Cognition, Trieste

Filippetti, M. L., Johnson, M. H., Lloyd-Fox, S., Dragovic, D., & Farroni, T. (2013). Body perception in newborns. *Current Biology*, 23(23), 2413-2416.

Under review manuscripts:

Filippetti, M. L., and Tsakiris, M. (under review). Heartfelt embodiment: changes in body-ownership and self-identification produce distinct changes in interoceptive accuracy.

Filippetti, M. L., and Tsakiris, M. (under review). Just before I recognize myself: the role of featural and multisensory cues.

Selected conference presentations:

Filippetti M.L. (August 2016) The developing body: origins and neural mechanisms of body perception in infancy. Invited business meeting talk of the Division 7 (Developmental Psychology), APA convention 2016, Denver, Colorado, USA.

Filippetti M.L., and Tsakiris, M. (June 2016) Just before I recognize myself: the role of featural and multisensory cues in self-recognition. Poster presented at the 'Social Cognition: From interactions to intersubjectivity summer school', Aegina, Greece.

Filippetti M.L., and Tsakiris, M. (June, 2015) Feeling of body ownership changes interoceptive accuracy. Poster presented at the International

Multisensory Research Forum (IMRF2015), Pisa, Italy

Filippetti M.L., Orioli, G., Lloyd-Fox, S., Johnson, M.H., and Farroni, T. (March, 2015) Body perception in newborns: sensitivity to temporal and spatial contingencies. Talk presented in organised symposium, titled *Contingency Detection in Infancy: Developmental Origins and its Role in Self-Awareness, Action Processing, and Social Interactions*. (Organised and chaired by **Filippetti M.L.** and Zmyj N.), at the Society for Research and Child Development biennial meeting (SRCD), Philadelphia, Pennsylvania.

Filippetti M.L., Lloyd-Fox S., Long M.R., Farroni, T., and Johnson, M.H. (March 2015) Neural mechanisms of body awareness in infants. Talk presented in organised symposium, titled *Body representations in development*, at the Society for Research and Child Development biennial meeting (SRCD), Philadelphia, Pennsylvania.

Filippetti, M.L. (October, 2014): Body perception in infancy. Marie Curie Final Event at the British Academy, London, UK.

Filippetti, M.L., Lloyd-Fox, S., Farroni, T., Longo, M., and Johnson, M.H. (September, 2014): The developing body: origins and cortical underpinnings of body perception in infancy. Talk presented at organised symposium at the BPS Developmental Section Annual Conference, Amsterdam, The Netherlands.

Filippetti, M.L., Lloyd-Fox, S., Farroni, T., Longo, M., and Johnson, M.H. (October, 2013): The developing body: neural correlates of body perception in infancy. Invited speaker at the Donders Discussion, Nijmegen, The Netherlands.

Filippetti, M.L., Lloyd-Fox, S., Farroni, T., Longo, M., and Johnson, M.H. (October, 2013): The developing body: the role of multisensory integration for body perception in infancy. Talk presented at the Associazione Italiana per la Ricerca e l'Intervento nella Psicopatologia dell'Apprendimento – ONLUS (AIRIPA), Pordenone, Italy. **Filippetti, M.L.**, Lloyd-Fox, S., Farroni, T., Longo, M., and Johnson, M.H. (April, 2013) The development of body-awareness in 5-month-old infants using near-infrared spectroscopy. Poster presented at the Society for Research and Child Development biennial meeting (SRCD), Seattle, Washington.

Filippetti, M.L., Farroni, T., Lloyd-Fox, S., and Johnson, M.H. (January, 2013) I have just felt a face: the role of intermodal stimulation and contingency detection in the development of body-awareness in newborns. Poster presented at the Budapest CEU Conference on Cognitive Development (BCCCD), Budapest, Hungary.

Awards and Prizes

- **Travel Grant**, Guarantors of Brain – Awarded 5/2016 to attend APA convention 2016 in Denver, CO (£800).
- **APA Dissertation Award** for the Division 7 (Developmental Psychology)
- **Travel Grant**, EPS Grindley Grant – Awarded 5/2015 to attend International Multisensory Research Forum (IMRF) in Pisa, Italy (£500).
- **Travel Grant**, Guarantors of Brain – Awarded 3/2015 to attend Society for Research in Child Development Biennial Meeting (SRCD) in Philadelphia, PA (£800).

- **Aegina Summer School Scholarship**, Awarded 6/2013 to attend to CFA Summer School “Embodied Inter-subjectivity: the 1st person and the 2nd person perspective”, Aegina, Greece.
- **Marie Curie PhD fellowship** (ITN-264301 TRACKDEV) from September 2011 to October