

# CURRICULUM VITAE

## 1. PERSONAL INFORMATION

**Name and Surname:** Manuela Filippa



## 1. EDUCATION

- 2010-2013 Université Paris Ouest Nanterre. Doctoral Degree in Developmental Psychology. Senior supervisors Prof. Michel Imberty and Prof. Maya Gratier. ÉCOLE DOCTORALE 139-CONNAISSANCE, LANGAGE, MODELISATION. Title of the thesis: La voix maternelle et le bébé prématuré. Date of defence, 16 December 2013. Mention très honorable, avec félicitations du jury.
- 1999-2000 University of Turin. Degree in Education Sciences (110/110 cum laude).
- 1997-1998 Novara Music Conservatory, Classical Guitar First Degree Diplome.

## 2. EMPLOYMENT HISTORY

- From December 2023 – to date. Maître Assistante, University of Geneva. Scientific Advisor: Prof. Didier Grandjean.
- From July 2018 – December 2023. Postdoc Researcher, now Scientific Associate, University of Geneva. Advisor: Prof. Didier Grandjean. Project Topics: vocal emotion perception, production and early interventions across infancy.
- From December 2017 – to date Postdoc Researcher, now Scientific Associate, University of Geneva. Advisor: Prof. Petra Huppi. Project title: “Music and preterm infants brain development”.
- From October 2017 to October 2018, Research Assistant, University of Valle d’Aosta. Title of the research: The effects of Early Vocal Contact on Preterm Infant’s Pain. In collaboration with University of Geneva, Prof. Didier Grandjean; date of agreement: 05/03/2018.
- From January 2015 - to December 2015. Post-Doc Researcher, Institut de Psychologie, Equipe de Recherche Psychopathologie et Développement. University of Paris Descartes.

## 3. TEACHING ACTIVITIES

University of Geneva:

- Lecturer, Voix, Sons et Emotions course (February 2024 - Present)

University of Valle d’Aosta:

- Professor, Psychology of Music (October 2008 - June 2010; February 2015 – June 2022)
- Lecturer, Langages Sonores course (October 2015 - 2021)

Valle d’Aosta Conservatory:

- Professor, Psychology of Music and Educational Psychology (October 2020 – June 2022)

### **Post-graduate teaching (University of Modena & Reggio Emilia)**

- *From March 2015 to October 2015:* Lecturer in Infant Neurology Master Training, (6 lessons, Academic Year 2015-2016).

## Publications in peer-reviewed scientific journals

### 2024

Loukas, S., **Filippa**, M., Sa de Almeida, J., Lordier, L., Borradori-Tolsa, C., Barcos-Munoz, F., & Hüppi, P. Newborn's neural representation of instrumental and vocal music as revealed by fMRI: A dynamic effective brain connectivity study. *Human Brain Mapping*, in press.

Monaci, M. G., Caruzzo, C. M., Raso, R., Spagnuolo, C., Benedetti, M. C., Grandjean, D. M., & **Filippa**, M. (2024). Maternal singing reduced pain indexes in 2-month-old infants and increased proximity during vaccinations [Article scientifique]. *Acta Pædiatrica*, apa.

<https://doi.org/10.1111/apa.17121> (Original work published 2024)

**Filippa**, M., Fisci-Gomez, E., Jorge, J., Grimaldi, V., Lemay, M., Thiran, Lissek, H., Hüppi, P.S., Music and voice interventions in the NICU : a novel adaptive personalized auditory care based on biophysical Feedback, *Proceedings of Forum Acusticum*, 2023, doi : 10.61782/fa.2023.1060

### 2023

Scacchi, L., **Filippa**, M., Bracchi, L., & Monaci, M. G. (2023). Percezione del tempo e benessere soggettivo [Article scientifique]. *Giornale Italiano Di Psicologia*, 4. <https://doi.org/10.1421/109151> (Original work published 2023)

Hirschel, J., Carlhán-Ledermann, A., Ferraz, C., Brand, L.-A., **Filippa**, M., Gentaz, E., Lejeune, F., & Baud, O. (2023). Maternal Voice and Tactile Stimulation Modulate Oxytocin in Mothers of Hospitalized Preterm Infants: A Randomized Crossover Trial [Article scientifique]. *Children*, 10(9), 1469. <https://doi.org/10.3390/children10091469> (Original work published 2023)

**Filippa**, M., Nardelli, M., Sansavini, A., Meloni, S., Picciolini, O., Lunardi, C., Cecchi, A., Corvaglia, L., Grandjean, D. M., Scilingo, E. P., Della Casa, E., Berardi, A., Aceti, A., Bedetti, L., Bertocelli, N., Lucco, G., Luzzati, M., Ori, L., Petrolini, C., et al. (2023). Maternal singing sustains preterm hospitalized newborns' autonomic nervous system maturation: an RCT [Article scientifique]. *Pediatric Research*. *Pediatric research*. <https://doi.org/10.1038/s41390-023-02932-4> (Original work published 2023)

Hüppi, P. S., & **Filippa**, M. (2023). Multisensory stimuli and pain perception in the newborn [Article scientifique]. *Pediatric Research*. *Pediatric research*. <https://doi.org/10.1038/s41390-023-02833-6> (Original work published 2023)

**Filippa**, M., Benis, D., Adam-Darque, A., Grandjean, D. M., & Hüppi, P. S. (2023). Preterm infants show an atypical processing of the mother's voice [Article scientifique]. *Brain and Cognition*, 173, 106104. <https://doi.org/10.1016/j.bandc.2023.106104>

**Filippa**, M., Monaci, M. G., Spagnuolo, C., Di Benedetto, M., Serravalle, P., & Grandjean, D. M. (2023). Oxytocin Levels Increase and Anxiety Decreases in Mothers Who Sing and Talk to Their Premature Infants during a Painful Procedure [Article scientifique]. *Children*, 10(2), 334. <https://doi.org/10.3390/children10020334> (Original work published 2023)