

CLAUDIA IORIO

CURRICULUM VITAE

Personal information

Université Bourgogne Franche-Comté
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Spoken languages: Italian (Mother Language)
English (Advanced)
French (Intermediate)

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Education

2019 to date: PhD student at the LEAD, Laboratoire d'Etude de l'Apprentissage et du Développement, Université Bourgogne Franche-Comté, 21000 Dijon, France.

2019: Professional qualification for the profession of psychologist (Esame di Stato), Università Luigi Vanvitelli, Caserta, Italy.

2007 - 2017: Diploma in viola (MA in Viola, including Musical Theory and Solfeggio, Piano, Harmony, History of Music, Quartet and Orchestra) at the San Pietro a Majella Conservatory, Naples, Italy.

2014 - 2017: MA in Psychology: Human resources, cognitive ergonomics, cognitive neuroscience, University of Naples - Suor Orsola Benincasa. Thesis: "Comparing musical training: effects on long term memory".

2014: Specialization course in "Theory and practice of musical cognition: Psychology, Education and Neuroscience", University of Pavia.

2010 - 2014: Bachelor's degree in Technological and scientific fundamentals of Cognitive Psychology, University of Naples - Suor Orsola Benincasa. Thesis: "Music as a language".

2005 - 2010: High school specializing in classical studies (including Philosophy, Latin language, Greek language, Science, Italian literature), Liceo-Ginnasio Vittorio Emanuele II, Naples, Italy.

2007: Course in English Language at Stafford House School of English, in Canterbury, England.

Research activities

2019 to date: PhD students at the LEAD, Université Bourgogne Franche-Comté, Dijon, France.

Thesis projects:

- "Incidental learning in music reading", behavioral studies led by me and Prof. James R. Schmidt and in collaboration with Dr. Bénédicte Poulin-Charronnat and the PhD fellow Iva Šaban.

Other projects:

- “Implicit learning with the serial reaction time task”, led by me and the PhD fellow Yannick Lagarrige and in collaboration with Prof. James R. Schmidt, Dr. Barbara Tillman and Dr. Arnaud Witt.

2017 - 2018: Internship at the University of Pavia, Italy and the Center for the Music in the Brain (MIB), Aarhus, DK.

Involved in the following projects:

- “The role of mental practice on memory performance”, behavioral study in collaboration with the Royal Academy of Music Aarhus/Aalborg (RAMA), the Conservatory of Music of Naples, led by me and the PhD fellow Leonardo Bonetti.
- “Music evolves adapting to the human brain: an MRI Investigation” led by postdoc Masimo Lumaca.
- “Brain connectivity and behavioral changes associated to music training: an fMRI study in preadolescents” led by PhD fellow Pauline Cantou.

List of publications

- Iorio C., Brattico E., Munk Larsen F., Vuust P., Bonetti L., “The effect of MP on music memorization”, *Psychology of Music* (2021, *Psychology of Music*).
- Iorio C., Šaban I., Poulin-Charronnat B., Schmidt J.R., “Incidental Learning in Music Reading: A Modified Version of the Musical Stroop Task” (submitted).

Talks and Presentations

2021: “Incidental learning in music reading: a modified version of the musical Stroop task”, at the ICMPC, online (poster).

2021: “Incidental music learning with a contingency paradigm”, at the FJC, online (poster).

2021: “The effect of mental practice on music memorization”, at the Neuromusic VII, online (poster).

2021: “Acquiring Musical Skills Without the Goal to Learn”, at the Colloque des Jeunes Chercheurs/es, online conference organized by Fresco (Talk).

2021: “Investigating mental practice (MP) effect on music memorization” at the Center for the Music in the Brain (MIB), Aarhus, Denmark (Talk).

2019: “Can mental practice be a pedagogic tool for improving memory in music performance?” at the Apulian Mini-Symposium on Music Psychology, Education, and Neuroscience, Bari, Italy (Talk).

2017: “Musical languages” at the Mozart Association, Turin, Italy (Talk).

Teaching Experience

2020 - 2021: Instructor at the Université Bourgogne Franche-Comté, courses in Cognitive Psychology and Psychology of Memory.

Conferences participation

2011 to date: I have participated in several Conferences about music and science (e.g. The Neurosciences and Music in Dijon and in Boston), Experimental Psychology (e.g. XX National Congress of Experimental Psychology Section at the University of Pavia, Italy), Psychotherapy (e.g. Symposium/Conferences organized by AIPCOS).

Musical activities

2021 – to date: Co-Founder of IAAMS, Italian Academy for Arts, Music and Science, Naples, Italy

2017 - 2020: Administrative secretary at the IAAM, Naples, Italy.

2011 - 2019: Several concerts in Italy (Naples, Capri, Milano, Capua, Caserta, Salerno, Perugia), China (Schenzen, Zuhai, Huichang), Denmark (Aarhus, Vejle), France (Dijon).

2017 - 2017: Artistic Director for the Music review “MusicAscolto in Salotto” in collaboration with IAAM (Italian Association for Arts and Music), Naples, Italy.

2015 - 2017: Violin teacher at the Italian Association for Arts and Music (IAAM), Naples, Italy.

Professional Skills

Programs: Jamovi, Jasp, RStudio, Psytoolkit, Audacity, Kdenlive

For more information

www.researchgate.net/profile/Claudia-Iorio