ELENA ECCHER

EDUCATION

Doctoral programme in Cognitive and Brain Science **Nov. 2020 – On going**
University of Trento | CIMeC, Cognitive Neuroscience

MSc in Cognitive Science **Sep. 2017 – Dec. 2019**
University of Trento | CIMeC, Cognitive Neuroscience Final Grade: 110/110 cum laude
Thesis: "Investigating the neural bases of numerosity perception in human newborns with a frequency-tagging EEG study" (Mentors Prof. Manuela Piazza and Dr. Marco Buiatti)

BSc in Cognitive Psychology and Psychobiology **Sep. 2014 - Jul. 2017**
University of Padua | Department of General Psychology Final Grade: 110/110 cum laude
Thesis: "Visual attention for social stimuli as a marker task for early screening of newborns at high risk for autism" (Mentors Prof. Francesca Simion and Dr. Elisa di Giorgio)

RESEARCH EXPERIENCE

Post-laurea research scholarship **Apr. 2020 – Nov. 2020**
University of Trento | CIMeC, Neonatal Neuroimaging Unit
Research project: Research on the neural bases of the number-space association in human newborns through neuroimaging techniques. (Supervisor Prof. Giorgio Vallortigara)

Master thesis **Mar. 2019 – Dec. 2019**
University of Trento | CIMeC, Neonatal Neuroimaging Unit
Research project: Electroencephalography (EEG) study for identification of neural basis for numeosity perception in newborns. (Supervisors Prof. Manuela Piazza and Dr. Marco Buiatti)

Master internship **Nov. 2018 - June 2019**
University of Trento | Department of Cognitive Psychology, The Neurocognitive Development Lab
Research projects: Study trust for information said by leader or bully in infant 17 to 30 months old; Study development of intent-based moral judgement in 3 to 5 years old children.
(Supervisors Prof. Luca Surian and Dr. Francesco Margoni)

Independent studies **Jan. 2018 - Aug.2018**
University of Trento | CIMeC, Neurobiology of Comparative Cognition Group
Research project: Investigation of the hippocampal functions in domestic chicks by using immmediate early genes products to map neuronal activty. (Supervisor Prof. Uwe Mayer)

Bachelor Internship and Thesis **Feb. 2016 - Jun. 2017**
University of Trento | CIMeC, Neonatal Neuroimaging Unit
Research project: Non-invasive Tools for Early Detection of Autism Spectrum Disorder: analyze gaze behaviour in newborns at high-risk for autism as an early marker for ASD. (Supervisors Dr. Elisa Di Giorgio and Prof. Giorgio Vallortigara)

CONFERENCES and WORKSHOP

• CAOs Functional and Neuronal perspectives - 2-4 May 2019, Rovereto (Italy)
Poster session: "*Conceptual continuity in the development of intent-based moral judgment"* (Eccher E., Margoni F., Surian L.)
• Utrecht Summer School - Neurocognitive Methods in Infant and Toddler Research (8-13 July 2019)