M. PIAZZA Lab (Per2Con Group)

• The neural signature of multisensory integration of number in newborns
• How preverbal infants perceive number
• Number perception in dyscalculia
• Early predictors of formal math skills
• Formal and informal logics in the mathematician brain

Ongoing projects

From perception to concepts

Per2Con group

Who we are

The methods we use

Psychophysics

M-EEG

fMRI

What we do

What is the interplay between perception and language-based symbolic cognition?

The subjects we test

- Newborns
- Infants
- School Children (with / without dyscalculia)
- University students
- Professional mathematicians

1

2

3

Ongoing projects

Maths

A

B

C

Language

Some recent output


Our collaborators

M. Buiatti (CIMeC, IT)
G. Vallortigara (CIMeC, IT)
R. Bernardi (CIMEC, IT)
L. Battelli (IT, IT)
S. Panzari (IT, IT)
F. Ramus (ENS, FR)
V. Izard (CNRS, FR)
E. Eger (NEUROSPIN, FR)
S. Dehaene (NEUROSPIN, FR)

From perception to concepts

Our team

Manuela

Ph.D. candidate

Chiara

Intern

Simone

Ph.D. candidate

Chiara

Intern

Maria

Intern

Samuele

Intern

Xenia

Intern

Some recent output


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