



## **Workshop**

### **Abstract Concepts differ: Numbers, Emotions and Dangerous Things**

This informal workshop brings together researchers interested in the origin and cognitive representation of abstract knowledge. We will discuss current theories, novel methods and promising ideas, with a view towards fostering collaborations. Questions to be addressed include: In what way are numbers special? How does interoception inform abstract knowledge? What are the roles of language and sociality? Which methods promise valid answers?

#### **Program**

9.15 Welcome from Renata Tambelli (Head of Department)

#### **9.30-10.30 Linguistic and social experience and abstract concepts**

Anna Borghi: Words As social Tools: abstract concepts as dangerous things

Laura Barca: Toward a speech-motor account of the effect of Age of Pacifier Withdrawal

#### **10.45-11.45 Numbers as special abstract concepts**

Fabrizio Doricchi: The space-number association in the damaged and the healthy brain

Samuel Shaki & Martin Fischer: Arithmetic heuristics and biases suggest embodied number concepts

#### **12.00-13.00 Other kinds of abstract concepts**

Caterina Villani: Italian norms for different kinds of abstract concepts on multiple dimensions.

Chiara Fini: Abstract Concepts: mechanisms implicated in their processing and the effect of ownership on the environment representation

Claudia Mazzuca: Is *gender* an abstract concept? Insights from a free-listing task.

#### **Lunch**

#### **14.30-15.15 Abstract concepts and languages**

Claudia Scorolli: Abstract and concrete language in bimodal bilingualism

Claudia Gianelli: Is embodied cognition bilingual? Implications for the study of concrete and abstract concepts

#### **15.45-17.15 Interoception, bodily self and abstract concepts**

Alessandro Monti: Abstract and concrete concepts of the human bodily self

Giusi Porciello: Increased interoceptive awareness in pregnancy and its relationship with body image dissatisfaction and depressive symptoms

Luca Tummolini: My precious! The embodied basis of object ownership

#### **17.15-18.00 General Discussion and future steps**

#### **Social Gathering (time and venue TBA)**