

PROGRAM

Interactions between space, time, and number: 20 years of research

Interactions entre espace, temps et nombre: 20 ans de recherches

Chaire de Psychologie Cognitive Expérimentale

Collège de France, Mardi 26 Février 2013 (8 h 30-18 h 30)

All speakers are confirmed; each talk should last 30 minutes +10 minutes of discussion

8:30 Welcoming of participants

9:00-13:00 Spatial-numerical interactions in human brain and behavior

Stanislas Dehaene: The discovery of the SNARC effect and its brain correlates

Martin Fischer and Samuel Shaki: The role of attention in spatial-numerical interactions

Wim Fias: Mechanisms underlying the SNARC effect

11 h: Pause

Marco Zorzi: Neuropsychological impairments of number, space and time

David Burr: A visual sense of number

13.00-14.30 Lunch and Poster Presentations

14.30 Foundations of numerical, spatial and temporal coding in animals

Giorgio Vallortigara: Space and number in animals

Andreas Nieder: The neural coding of number and other dimensions

15 h 50: Pause

16:10 -18:10: Developmental and pedagogical perspectives

Lola de Hevia: What babies know about space, time and number

Manuela Piazza: How do young children expand their number sense?

Brian Butterworth: Space, time and number in dyscalculia

18: 10 – 18: 30 General Discussion