

5th Barcelona Lecture Series in

Brain, Cognition & Behaviour



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Are crossmodal correspondences just circus tricks?

The fact that high-pitched sounds are associated with "up" in space, and low-pitched sounds with "down" has been observed in most cultures of the World, including isolated tribes (e.g., in Cambodia). Even 4-month-old infants prefer to watch a stimulus that moves up, when they hear a sound with rising pitch, than a stimulus that moves down. Although this and other crossmodal associations have been demonstrated experimentally in different laboratories, a relevant question still remains unanswered: Are these types of crossmodal associations just a circus trick or else reflect how the brain processes pitch? We will try to approach this question and inspect other issues such as the role of experience and language in the emergence of these associations.

Date: Thursday, 22 March 2018

Hour: 15:00

Place: Sala de Graus, Facultat de Psicologia, Campus Mundet

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