

- Keynote 2 -**Audiovisual speech integration: Modulatory factors and the link to sound symbolism***Charles Spence*

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Abstract

In this talk, I will review some of the latest findings from the burgeoning literature on the audiovisual integration of speech stimuli. I will focus on those factors that have been demonstrated to influence this form of multisensory integration (such as temporal coincidence, speaker/gender matching, and attention; Vatakis & Spence, 2007, 2010). I will also look at a few of the other factors that appear not to matter as much as some researchers have argued that they should, such as spatial coincidence (except under a particular subset of circumstances; Spence 2013). I will also look at the emerging literature that has documented the widespread existence of audiovisual crossmodal correspondences, and consider their putative link to the literature on embodied cognition (Spence & Deroy, 2013).

References

- [1] Spence, C. (2013). Just how important is spatial coincidence to multisensory integration? Evaluating the spatial rule. *Annals of the New York Academy of Sciences*.
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- [4] Vatakis, A., & Spence, C. (2010). Audiovisual temporal integration for complex speech, object-action, animal call, and musical stimuli. In M. J. Naumer & J. Kaiser (Eds.), *Multisensory object perception in the primate brain* (pp. 95-121). New York: Springer.

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