Architectural issues in the model of speech-gesture production: Gesture, Action and Language

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I will discus empirical evidence for the following key theoretical assumptions of the "Interface Model" (Kita & Özyürek, 2003) and the Information Packaging Hypothesis (Kita, 2000). The content of an iconic gesture tends to converge with the content of the concurrent clause in speech. This content coordination between speech and gesture is modulated by cognitive and communicative demands at the moment of speaking, and iconic gestures and pointing gestures (with concrete targets) differ from each other in this respect. Gestures are produced from the general purpose action generation mechanism, used for both communicative actions (i.e., gestures) and practical actions.