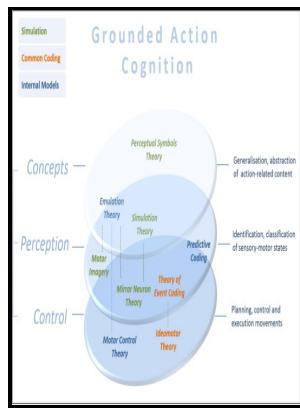


# New insights in ideomotor action - investigating the influence of perception, motor and intention representations

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**last chance to pass the ball: investigating the role of temporal expectation and motor resonance in processing temporal errors in motor actions**

In order to evaluate the influence of action-effect acquisition on imitative performance, we performed an ANCOVA on the post-test RTs with Action-effect mapping CM vs.

## Influence of Action

The fact that we found no modulation of spatial compatibility by condition of action-effect acquisition suggests that our manipulation specifically affected processes responsible for the matching between executed and observed action. The bar graph shows the averaged power at significant cluster electrode sites and time points for congruent blue and incongruent red conditions. Two goals are better than one: Comparison of familiar and unfamiliar actions facilitates goal imitation in 7- and 10-month-old infants.

## Cognitive motor processes: The role of motor imagery in the study of motor representations

Importantly, the typical goal could still be achieved even when the grip was atypical, and vice-versa. Therefore, people want to know both whether AVs are communal and agentic, but they are more prone to accept a communal AV than agentic one. After 20 s of movement, a verbal command was given to the participants: in the congruent condition, participants were asked to take a short break from the movement approximately 1 s and then continue the movement for 20 more seconds.

## Neural dynamics of grip and goal integration during the processing of others' actions with objects: An ERP study

Although the initial portion of cSP is primarily due to spinal mechanisms , several studies established that its late part reflects a cortical origin ;

mediated by GABAergic receptors within M1.

### **Ideomotor signaling: from divining spiritual messages to discerning subconscious answers during hypnosis and hypnoanalysis, a historical perspective**

We present the toolkit design, and case studies with two design studios who used the toolkit for 15-days each. Seven electrodes are placed linearly on the channel bed, and they generate text messages using bubble dots that drift toward the lower end of the channel. Participants responded faster —74 ms to a congruent than incongruent pass direction see Fig.

### **Cognitive motor processes: The role of motor imagery in the study of motor representations**

In contrast, intentionality, awareness, controllability, and consumption of working memory resources were considered features of controlled processes.

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