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**Flexibility of tactile perspective taking:
juggling self-centred and other-centred perspectives**

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Abstract. Different spatial perspectives can be taken on tactile stimuli displayed on the body surface. These stimuli can be mentally projected out of the body surface, as if they were coming from external objects or thought as being localized on the body. These possible projections answer different requirements. Indeed, on the one hand, integrating different stimuli, across sensory modalities, from a self-centred perspective is crucial for the unity of the self. On the other hand, understanding external space and communicating spatial knowledge with others requires adopting other-centred perspectives. How do we juggle these two requirements? In this talk I will review the set of study we conducted investigating how people differ in the spatial perspectives they naturally adopt as well as their ability to flexibly change spatial perspectives. In particular, I will highlight how perspective taking varies as a function of 1) bodily locations, 2) sensory parameters (such as visual and somatosensory deficits), and 3) social cognition (such as social intelligence and anxiety).