

# **Bodily self-consciousness and egocentric space**

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Based on latest evidence on the relevance of interoceptive bodily signals (cardiac and respiratory signals) and multisensory exteroceptive bodily signals for self-consciousness (bodily self-consciousness), I will propose an integrated neural system reconciling these two largely separated views. I argue that such an integrated system is based on torso-centered signals in a distributed cortical network and delineate how it accounts for fundamental aspects of bodily self-consciousness, focusing in particular on conscious self-location. Presenting examples how self-location impacts the construction of personal and peripersonal space as well as spatial navigation behavior, I conclude by highlighting the relevance of these findings for egocentric space.