

CADS : Collaborative Agency in Digital Spaces

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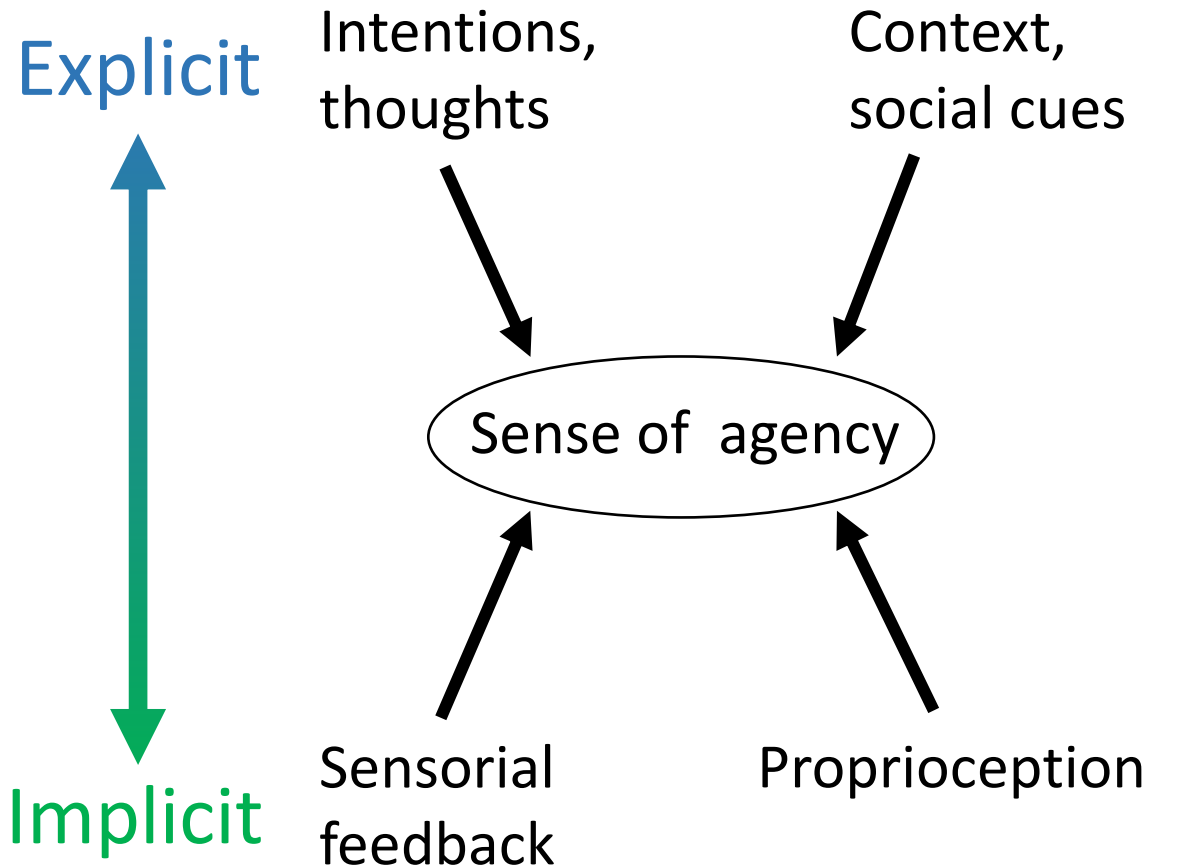
Bruno Berberian, **DTIS-ONERA**, Salon de Provence

Valérian Chambon & Elisabeth Pacherie, **Institut Jean-Nicod**,
Université PSL

The sense of agency

« The sense that I am the one who is causing or generating an action »

(Gallagher, *Trends in Cogn. Sci.*, 2000)

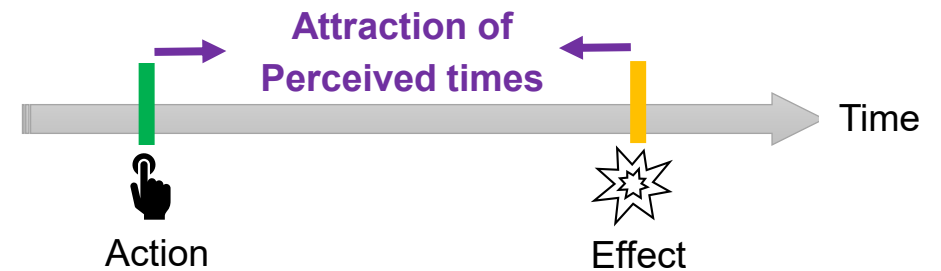


(Synofzik, Vosgerau & Newen *Conscious. & Cogn.*, 2008)

Known effects

Link with the sense of responsibility, moral conduct
(Caspar, Cleeremans, Haggard, *PLoS One*, 2018)

Intentional Binding (IB)
(Haggard, Clark & Kalogeras, *Nat Neurosci*, 2002)



Sensory attenuation
(Blakemore, Wolpert, Frith, *Nat Neurosci*, 1998)

Modulation of visual anticipation of movement
(Le Besnerais, Prigent, Grynszpan, *Cognition*, 2023)

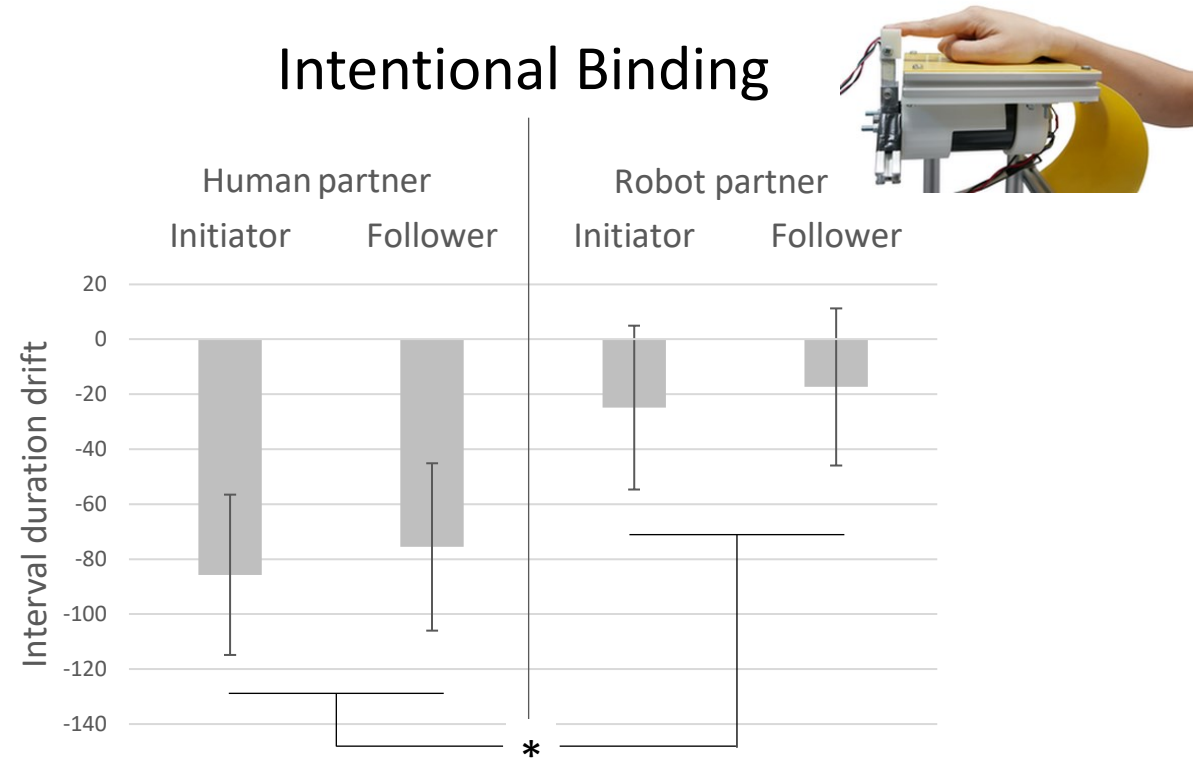
Sense of agency in collaboration: Gain or loss?

- Gain:
 - Sense of the partner's agency
 - « We mode »
- Loss:
 - Ambiguity on authorship
Example: shared documents

Who deleted this caracte?

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- Other practical cases/scenarii ? Contact ouriel.grynszpan@universite-paris-saclay.fr



Grynszpan et al., *Conscious. Cogn.*, 2019