



Title: Minimal self, bodily signals and consciousness

Bio: **Catherine Tallon-Baudry** is a senior Cnrs researcher, initially trained in biology at Ecole Normale Supérieure de Lyon. Her PhD work in Lyon revealed the existence of gamma-band oscillations in humans and their role in visual cognition. After a post-doc in Bremen, Germany, she joined the Hospital Pitié-Salpêtrière, Paris, in 2002, where she unexpectedly found a double dissociation between the neural correlates of spatial attention and of visual consciousness. She got intrigued by consciousness, but also dissatisfied by cognitive accounts of consciousness. She thus decided to concentrate on the core property of consciousness, subjectivity. In 2012 she moved to Ecole Normale Supérieure, Paris, where she began to work on the link between brain-viscera interactions and subjectivity, finding along the way that such interactions account for a lot of the so-called “noise” in the human nervous system.

Abstract : A core characteristic of conscious experience is its subjectivity. Experience is the direct acquaintance with something from a first-person perspective, as it appears to us and what it evokes in us. By very definition, experiences are necessarily had by an experiencing subject, the minimal self. I will present the neural subjective frame, i.e. a mechanistic framework, where bodily signals play a coordinating role capable of accounting for the emergence of a unified first-person perspective, as well as supporting experimental evidence.