

PARTICIPANT FORM for the SUMMER SCHOOL
Constructivism and Enaction
A new paradigm for Cognitive Science

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I. – SITUATION

Status : University teacher Research scientist Thesis student Post-doc Other :

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Special information(s) (article, scientific responsibility, participation to research projects, other...) :

III. – RESEARCH THEME

Information processing in the visual and tactile system
Dynamics of distributed sensory representations
Role of synchronization and oscillations for binding processes
Role of temporal binding for intermodal and sensorimotor integration
Computational theories of perception and representation
Neural correlates of top-down processing, attention, consciousness
Clinical applications of models of neural dynamics (e.g. basal ganglia disorders)
Technical applications of models of neural dynamics (e.g. autonomous robots)