

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 :

University/ Laboratory : Centre for Computational Neuroscience and Robotics, University of Sussex, Brighton, UK.

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

III. – RESEARCH THEME

Please indicate briefly (10 lines max) your themes of research, and 4 or 5 key words

I work in the area of evolutionary and adaptive systems, a broad interdisciplinary field that includes (parts of) cognitive science, artificial intelligence, artificial life, biology and philosophy. My research areas include biological and neural modelling, evolutionary robotics, embodied cognitive science, social cognition, philosophy of biology and mind. My recent interests include an enactive theory of organismic values and sense-making, dynamical approaches to understanding the generation and transformation of meaning in individual and social cognition, exploring the life-cognition continuity thesis, building homeostatic adaptation in autonomous robots in order to make them care about what they do (for real!), and exploring the role of play in human cognitive development.

III. – VIDEOS AND EXPERIMENTAL MATERIAL

Moments of relaxation might be the occasion to share and show original scientific video documents (not too long) or experimental material (which could be used by all the participants). A video party and an experimental demonstration session have been planned. Could you indicate video or experimental material you would like to present.

Videos :

Experimental demonstration :