

# **Embodied and Situated Cognition: from Phenomenology to Neuroscience and Artificial Intelligence**

## **PERFORMING THE LAYERED BODY – A SHORT EXPLORATION OF THE BODY IN PERFORMANCE**

Helena De Preester  
Department of Philosophy  
Ghent University

In this contribution we aim at elucidating the body schematic aspect in performance. First, body schema in its distinction from body image is presented. Next, it is indicated how the motor body is able to incorporate an alterity, due to plasticity of both bodily experience and motor skill. This is illustrated with some examples from Merleau-Ponty (1945), and a number of performances and neuropsychological experiments. Third, from this perspective, some results concerning the feeling of body ownership are presented. Depending on the time available, other bodily layers are explored, i.c. body image and in-depth body.