F. Löwenthal, E. Cohors-Fresenborg, F. Vandamme

INTRODUCTION

In the centre of the discussion today, concerning cognition and language and the role new technologies can play in it, we have the theme of the cognitive styles and more peculiar the predicate versus action oriented (functional) cognitive style and its effects on learning, training, burn-out, drop-out and a lot of vital issues in society at large related to it (dualism and the mondialization and globalization of society). A lot of interesting questions related to this learning style differentiation were used : how to recognize and to validate these differentiations, how to describe their basic features and evolutions, how do they interrelate, how to learn a predicate perspective, to an action oriented person and vice versa, what are the effects of such mixture ?

The Virtual and Augmented Reality Technology combined with sophisticated internet and intranet use, and tracking systems (which are able to register different types of corporal movements and use this to control different types of virtual and real movements and robots) open new horizons for experimenting and testing in a much more sophisticated way this and other learning and cognitive styles. Anyway the predicate or if you want meta-actional description of the action-oriented cognitive style, can blur sometimes more the differentiation than clarify it. Anyway the virtual action tests can have enormous significance for the elaboration, justification, validation and better understanding of the predicate/action-oriented cognitive style.

In these contributions a lot of relevant issues on this and other related topics are found.