

Mirror Neurons linking Psychology and Pedagogy

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Mirror Neurons

- The origin: W.B. Carpenter
- The application: Bandura
- The sensation: G. Rizzolatti / V. Gallese

Mirror Neurons

- Next step: M. Umiltà
- Extending the concept: Asterix and Obelix
- The breakthrough: Rizzolatti/Gallese/Iacoboni

Mirror Neurons

- Additional Findings: Keysers and Fogassi
- Importance of Motor Vocabulary and
- Language Competence
- Demonstration vs. Verbal Description

Mirror Neurons

- Cognition vs. Direct Matching
 - pros and cons

Level of Coaches and the Team

Level of Teachers Education and the Practical Work

Education of Referees and Delegates

Mirror Neurons

- Learning from a model
- Limbic System Controlling Function
 - Motivation
 - Credibility
 - Neuromodulators
 - Noradrenalin, ACTH, Dopamin, Serotonin,

Mirror Neurons

- Authority
 - Position authority
 - Competence authority
 - Personal authority

Self value

Self consciousness – self confidence – self value