

BRIEF CURRICULUM VITAE

PAOLA CESARI Ph.D

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Education

Bologna University	I.S.E.F Institute of Physical Education	B.S	1982
Penn State University	Motor Control and Learning	Ph.D.	1999

Appointments

Institute of Physical Education	1990-1993
University of Pittsburgh	1993-1995
TA Penn State University	1995-1998
Research Assistant	1999-2000
CeBiSM Università' di Trento	
Research Assistant	1999-2001
Hospital "Fondazione Maugeri"	
Assistant Professor	2000-
Facolta' Scienze Motorie University of Verona	

Current Areas of Research:

Human sensory-motor control. Geometry , kinematics and dynamics analysis on human movement considering healthy people and patients with neuro-motor diseases. Visuo-motor and kinesthetic imagery and action recognition. Specificity of the motor representation in elite athletes.

Publications

Cesari, P, An invariant guiding stair descent for young and old adults, «Experimental Ageing Research» vol. 31, 2005 pp. 441-455
Romani M , Cesari P, Facchini S, Aglioti SM, Motor facilitation of the human cortico-spinal system during observation of biomechanically impossible movements. , «Neuroimage», 2005
Cesari, P., Formenti, F., & Olivato, P., A Common Perceptual Parameter for Stair Climbing for children, young and old adults , «Human Movement Science», vol. 22, 2003, pp. 111-124
Cesari, P., & Newell, K. M, Scaling the Components of Prehension , «Motor Control», vol. 6, 2002, pp. 347-365
Cesari, P, Shiratori, T., Olivato, P., & Duarte, M, Analysis of Kinematically Redundant Reaching Movements using the Equilibrium-Point Hypothesis , «Biological Cybernetics», vol. 84, 2001, pp.

217-226

Cesari, P. Newell, K.M., Body scaling grip postures for prehension , «Gait and Posture », vol. 13, 2001, pp. 121-122

Formenti, F, Cesari, P., Olivato, P., Roithner, R, Perception-action coupling: changing “affordances” in stair climbing for young and older adults , «Gait and Posture », vol. 14, 2001, pp. 165

Cesari, P. & Newell, K.M, Scaling the components of prehension , «Gait and Posture », vol. 14, n. 2, 2001, pp. 132-133

Pellegrini, B., Cesari, P., Cusumano, J. P., Tosi, G., Schena, F, The structure of Postural Control while shooting at a target , «Gait and Posture », vol. 13, 2001, pp. 163-164

Cesari, P, & Olivato, P, Perception action coupling in postural stability for elderly
Journal of Sport & Exercise Psychology vol 23, 2001, pp. S. 99.

Cesari, P., & Newell, K. M., Body scaled transitions in human grip configurations , «Journal of Experimental Psychology Human Perception and Performance», vol. 26, 2000, pp. 1657-1668

Cesari, P., & Newell, K. M., Body scaling of grip configurations in children aged 6-12 years. , «Developmental Psychobiology», vol. 36, 2000, pp. 301-310

Newell, K.M. & Cesari, P., On taking grasping out of prehension , «Motor Control», vol. 3, 1999, pp. 272-282

Cesari, P., & Newell, K. M., The scaling of human grip configurations , «Journal of Experimental Psychology Human Perception and Performance», vol. 25, 1999, pp. 927-935

Cesari, P. & Milanese, C, What can we learn from mistakes? , «Coaching & Sport Science», vol. 1, 1995, pp. 19-28

Newell, K. M., & Cesari, P., Body scale and the development of hand form and function in prehension. in , K. J. Connolly The psychobiology of the hand, Cambridge, Cambridge University Press, 1998, pp. 162-176

Editorships

Journal of Experimental Psychology: HPP

Robotica

Motor Control

Experimental Brain Research