

Invited Talk III

Developmental Robotics: Where from and Where to (a
personal view).

Prof. Giulio Sandini

Italian Institute of Technology (IIT), Genova, Italy

Speaker Bio: Dr. Giulio Sandini Director of Research at the Italian Institute of Technology and full professor of bioengineering at the University of Genoa. Main research activities are in the fields of computational and cognitive neuroscience and robotics with the objective of understanding the neural mechanisms of human sensory-motor coordination and cognitive development. After graduating in Electronic Engineering (Bioengineering) he was research fellow and assistant professor at the Scuola Normale Superiore in Pisa and at the Laboratorio di Neurofisiologia of the CNR where he investigated aspects of visual processing at the level of single neurons as well as aspects of visual perception in human adults and children. He has been Visiting Research Associate at the Department of Neurology of the Harvard Medical School and Visiting Scientist at the Artificial Intelligence Lab of MIT. Since July 2006 he has been appointed Director of Research at the Italian Institute of Technology where he has established and is currently directing the department of Robotics, Brain and Cognitive Sciences.