

Biographical Sketch

José del R. Millán
Swiss Federal Institute of Technology

José del R. Millán is the Defitech Professor at Center for Neuroprosthetics of the Swiss Federal Institute of Technology in Lausanne (EPFL) where he explores the use of brain signals for multimodal interaction and, in particular, the development of non-invasive brain-controlled robots and neuroprostheses. In this multidisciplinary research effort, Dr. Millán is bringing together his pioneering work on the two fields of brain-machine interfaces and adaptive intelligent robotics.

He received his Ph.D. in computer science from the Univ. Politècnica de Catalunya (Barcelona, Spain) in 1992, where he was an assistant professor for three years. He was also a research scientist at the Joint Research Centre of the European Commission in Ispira (Italy), a senior researcher at the Idiap Research Institute in Martigny (Switzerland), and a visiting scholar at the Universities of Stanford and Berkeley as well as at the International Computer Science Institute in Berkeley.

His research on brain-machine interfaces (BMI) was nominated finalist of the European Descartes Prize 2001 and he has been named Research Leader 2004 by the journal Scientific American for his work on brain-controlled robots. The journal Science has reviewed his work as one of the world's key researchers in the field of BMI. Dr. Millán is the coordinator of a number of European projects on BMI and also is a frequent keynote speaker at international events. His work on BMI has received wide media coverage around the world.