



## **Brief Profile**

### **Personal Information**

**Name:** Dr. Diego Liberati

**Address:** Department of Electronics, Information and Bioengineering, Polytechnic University of Milan, Piazza Leonardo da Vinci 32, 20133 Milano, Italy.

**Current Position:** Professor & Research Director of National Research Council of Italy

### **Biography**

Born in Milano in December 1958, **Dr. Liberati** was educated in the Politecnico di Milano, where he received his Doctorate in Electrical Engineering and Computer Science. Since 1984 he is with the Italian National Research Council, where he is currently **Research Director** since 1999, at the highest seniority since January 1<sup>st</sup> 2006 having won a national competition among all disciplines. He has been in charge of the Genova section and member of the Board within the Institute for Electronic and Information & communication Technologies, as well as member of the committee designing the ICT Department and of the Foresight Group. In 1988, the Italian Ministry for Scientific Research awarded him the **first Italian Research Doctorate in Biomedical Engineering Associate to Italian National Nuclear Physics Institute** (and formerly head of the Virtual Biophysics Lab at Milano Bicocca Section), **Secretary** of the Biomedical Engineering Society of the Italian Electrical and Electronic Engineering Association (and Milano prize laureate in 1987) and member of the Technical Committee on Control Design of the International Federation of Automatic Control, heading the working group on neural control, he has chaired the Scientific Committee for the Conferences on Information and Control Technologies in Health Systems sponsored by the Italian Control Association and has been a **technological transfer expert** with the Milano Chamber of Commerce.

**Visiting Scientist** at **Rockefeller University** (NIH grant), **New York University** (Brain Research Lab: Neurometrics, with E.Roy John), **University of California** at Berkeley (Telerobotic and Neurology, with Lawrence Stark, in turn Wiener's pupil) and International Computer Science Institute (Artificial Intelligence, with Jerome Feldman and Steve Omohundro), he has directed joint projects granted by both private and public institutions, like ROBO MD for elderly teleassistance in the Innovation for Welfare EU framework, Neural Plasticity, Artificial Neural Networks inspection of cold contact with Hewlett Packard. He has been the Italian candidate to the **Vice-Presidency of the European Patent Office**. His main scientific interests in Information and Communication Technologies for life are related to measurement analysis, model identification and synthesis of bio-mimetic emulations in natural and artificial complex systems, whose scientific and ethical aspects involving the human beings he loves to deal with.

### **Honours/Awards**

- 1983: Italian College of Engineering: Chartered Engineer
- 1983: Italian Ministry of Education: Research Doctorate Fellowship
- 1984: St Vincent de Paul international charity: President, Milan region Council
- 1985: Gini Foundation of Padua University: International Research
- 1985: Italian Association Automatic Machinery: Image Processing
- 1986: New York University: Visiting Scientist, Brain Research
- 1986: NIH & Rockefeller Univ: Biomedical Lab Computing
- 1987: Rotary International: Leadership Award
- 1987: Italian Electrical Association: Milan Award

## Unique Pub International (UPI)-JET

- 1987: Politecnico di Milano: Professor, Math Modeling
- 1988: Italian Ministry of Education: Research Doctorate
- 1988: NATO: International Research Fellowship
- 1988: University of California at Berkeley: Visiting Scientist
- 1989: University of Perugia: Professor, Microelectronics
- 1990: Politecnico di Milano: Professor, Signal Processing
- 1990: Patra University: Professor, Signal Processing
- 1991: Italian Electrical Association: Secretary, Bioengineering
- 1991: University of Milan: Professor, Laboratory Instrumentation
- 1992: NATO: Senior International Research Fellowship
- 1993: Intern. Computer Science Institute: Senior Visiting Scientist
- 1993: NATO: Senior International Research Fellowship
- 1993: International Catholic Intellectuals: President of Milan Council
- 1994: Milan Chamber of Commerce: Innovation Plaza Award
- 1997: Italian National Research Council: Principal Scientist
- 2001: Politecnico di Milano: Professor of Automatic Control
- 2007: Politecnico di Torino: Professor Physiological Modeling
- 2009: Italian National Nuclear Physics Institute: Associate Scientist
- 2009: Politecnico di Milano, PhD School: Professor of Modelling and Simulation in Life Sciences
- 2009: Politecnico di Milano, PhD School: Professor of Data Mining and Modelling Large Data Sets

### **Publications**

Journal Publications: **>100**

Books/Book Chapters: **>10**

### **Conferences/Seminaers**

Total no. of conference/seminars/workshops attended/presented/chaired: **>50**

### **Editorial Board Memberships**

Reviewer/Editor/Editorial Board Member: **>20**