

Francesco Profumo

Francesco Profumo (M'88-SM'90) was born in Savona, Italy, in 1953. He is *Professor of Electrical Machines and Drives at Politecnico di Torino* and *Adjunct Professor at University of Bologna*.

He was *Visiting Professor at University of Wisconsin – Madison* (1986-1989), at *Nagasaki University* (1996-1997), at *Czech Technical University* (1999) and *University of Cordoba* (2004 and 2005).

Dr. Profumo was the *Dean of the Engineering Faculty at the Politecnico di Torino* (2003 to 2005) and the *Rector of the Politecnico di Torino* (2005 to 2011).

He has been appointed as *President of CNR* (National Research Council) in July 2011 and as *Italian Minister of Education, University and Research* (MIUR) in November 2011.

Prof. Profumo is the Chairman of IREN Group (May 2013).

His fields of interest are power electronics conversion, high power devices, applications of new power devices, integrated electronic/electromechanical design, high response speed servo drives, new electrical machines structures, power conditioning systems for fuel cells applications.

He published more than 250 papers in International Conferences and Technical Journals. Dr. Profumo won the IEEE-IAS second prize paper in 1991(USA) and in 1997 (USA), the IEEE-IAS first prize paper in 1992 (USA) and the IEEE-IPEC first prize paper in 2005 (JAPAN).

He was awarded by the *Signum Aureum Facultatis Mechanicae Universitatis Miskolciensis*, July 1, 2000, University of Miskolc (Hungary), by the *Honorary Professorship*, University of Cordoba (Argentina), August 11, 2004, by the *Honorary Doctor Degree*, Technical University of Riga (Latvia), October 12, 2006, by the *Honorary Doctor Degree*, Politechnica of Bucarest (Romania), June 15, 2007, by the *Honorary Doctor Degree*, University of Miskolc (Hungary), June 26, 2007, by the *Honorary Professorship*, Jiao Tong University, Xi An (China), September 11, 2007, by the *Honorary Professorship*, Henan Polytechnic University, Jiaozuo (China), September 27, 2009, by the *Honorary Doctor Degree*, Politechnica of Tirana (Albania), October 1, 2009, by *Honorary Professorship*, Tongji University, Shanghai (China), June 20, 2012 and by *Honorary Professorship*, Luoyang Normal University, Luoyang (China), November 22, 2013.

Further awards: *China Awards* by Italy_China Foundation (2009), *Certificate of Appreciation* by Fulbright Commission (2009), *Orden Universidad Javeriana* by Javeriana University (Bogotá, Colombia) (2010), *Escudo de Oro* by University of Antioquia (Medellin, Colombia) (2010),

Lion d'Oro by Lion International (Torino) (2008), *Award Valdo Fusi* (Torino) (2011), *Award Guido Carli* (Rome) (2011) and *Award Pericle* (Torre di Ruggiero) (2013).

He has been the *Chairman of the G8 University Summit 2009*, (Torino) (2009) and the *Chairman of the Columbus Association* (55 European and Latin American Universities) (2006-2011).

He has been member of the *Board of Unicredit Private Bank* (2008/2010), of the *Board of Il Sole 24 Ore* (2007/2009), of the *Board of Fidia Spa* (2007/2011), of the *Board of Telecom* (2011), of the *Board of Pirelli* (2011) and of the *General Committee of Unicredit Private Banking* (2011).

He is member of the *Advisory Board of Innogest Fund* and the *Advisory Board of Reply s.p.a.* (2011).

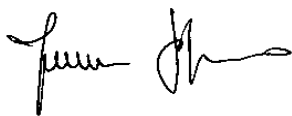
Since November 2011 he was the *Chairman of the Council of the European Space Agency (ESA)* (now is a member of the *Board of the Friends of ESA*).

Since December 2013 he is the *Chairman of the "Osservatorio Smart Cities"* of ANCI and *President of Scientific Committee of the Strategic Plan "Metropolitan Turin 2025"*.

Since February 2014 he is a Member of the *Board of Trustees of the American University of Rome (AUR)* and Member of the Council of the Foundation of the Italian Institute of Technology (IIT).

He is member of the *Selection Committee of the ENI Awards*.

He is member of *Accademia Europaea - Physics and Engineering Section* (2010) and member of the *Accademia delle Scienze* (2008).



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