

## **Prof. Sergio Matteo SAVARESI**

Born in Manerbio (Brescia, Italy) on 1968.

M.Sc. degrees (Electrical Engineering, Politecnico di Milano, 1992;

Applied Mathematics, Catholic University of Brescia, 2000)

Ph.D. (Control Engineering, Politecnico di Milano, 1997).

Visiting researcher (1996 to 2002, for periods of about 3-to-6 months each) at: Lund University, Sweden; University of Twente, The Netherlands; Canberra National University, Australia; Stanford University, USA, Minnesota University at Minneapolis, USA; JKU University, Linz, Austria.

Full Professor since 2006, at Politecnico di Milano

- Deputy Director of the Department of Electronics, Computer Sciences and Bioengineering, Politecnico di Milano
- Chair of the System and Control group at Politecnico di Milano
- Director of the MOVE research lab at Politecnico di Milano; [<http://move.dei.polimi.it/>]
- Lecturers of the M.Sc. course “Automation in transport systems”
- Supervision of 40+ Ph.D. students
- Supervision of 200+ M.Sc. students

Main research areas: automotive control; systems and control; system identification; mechatronics; nonlinear control; vibrations control; industrial applications of Automation&Control.

Scientific activity; figures:

- International books (author or co-author): 5
- International Journal papers (author or co-author): 125
- International book chapters (author or co-author): 6
- International Conference papers (author or co-author): 284
- Patents (author or co-author): 51
- H-index: Google Scholar: 45

Member of International Program Committee (IPC) of 21 international conferences

Member of scientific boards: Associate Editor, Control Engineering Practice (Elsevier) (2011-); Associate Editor, IEEE Transactions on Control Systems Technology (2009-); Associate Editor, International Journal of Vehicle Systems Modelling and Testing (2009-); Associate Editor, IET (formerly IEE) Journal on Control Theory & Applications (2008-); Associate Editor, European Journal of Control (2004-); Associate Editor, IEEE Control Systems Society Conference Editorial Board (2005-)

Scientific Leader as Partner in 8 EU and Italian-government projects.

Principal Investigator in more than 150 research contracts with private companies (among which: Continental Gmbh, Brembo, Ferrari, Umbra Group, KTM motorcycles, Honda Automotive Europe, Piaggio Group, Magneti Marelli Motorsport, Accenture, Ducati Motor, MV-Agusta, Harley-Davidson Motor Company, Dainese, Yamaha, FIAT group, Same Deutz-Fahr Group, ST-Microelectronics, Toyota Motorsport, Centro Ricerche FIAT, Maserati, Huawei).

Partner of 7 private companies (high-tech spin-offs):

- Yape s.r.l (founded in 2017) – Product: Autonomous terrestrial drone for last-miles goods delivery
- Blubrake s.r.l. (founded in 2015) – Product: ABS systems for bicycles
- E-Novia SPA (founded in 2012) – Product: start-up high-tech companies
- ZEHUS SPA (founded in 2013) – Product: electric powertrains for pedal-assisted vehicles
- Visiontek engineering srl (founded 2010) – Product: vision-based inspection system for ropes
- Astra Yacht srl (founded in 2010) – Product: electronics systems for sailboats
- E-shock srl (founded in 2008) – Product: electronic suspension systems for light vehicles