



DEIB

SYSTEMS AND CONTROL RESEARCH AREA

SERGIO SAVARESI

CHAIR OF THE SYSTEMS AND CONTROL RESEARCH AREA

sergio.savaresi@polimi.it

The Systems and Control area of DEIB counts 40 faculty staff members (18 full professors, 10 associate professors, 12 assistant professors) and more than 70 temporary researchers, including PhD students, post-docs and research collaborators. Systems and Control area is devoted to teaching and research in various fields related to control system science and engineering, industrial automation, robotics, systems theory, environmental systems, ecology, and operations research.

Despite the rich variety of topics, both theoretical and application-oriented, a unifying system level viewpoint is generally adopted, which enables the analysis, the management, and the design of complex systems, through the powerful theoretical tools of mathematical modeling. As for teaching, the members of this Research Area are responsible for over one hundred courses offered each year by the Scuola di Ingegneria Industriale e dell'Informazione. Systems and Control members also have leading responsibilities in the Automation Engineering Program and in the Environmental and Geomatic Engineering Program. A significant part of the basic and applied research activity, together with advanced te-

aching, is supported by the experimental facilities available in 3 laboratories.

The Systems and Control area is articulated in 5 research groups: Dynamics of complex systems, Planning and management of environmental systems, Operations research and discrete optimization, Robotics and industrial automation, Control systems.



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