

Developed Courses and lectures

Computer Engineering:

Modeling and Control of Automated Production Systems, 2005 at present.
Process Control I, 2007- 2011
Methodologies and Models for Engineering, 2010-at present

Management Engineering

Industrial Automation 2003-2008
Modeling and Simulation 2009 at present (University of Trieste - Pordenone)

Electrical Engineering:

Automatic Control 1994-2004.
Automatic Control II 2004-2010.

Mechanical Engineering:

Automatic Control 1994-2004
Industrial Automation 2003- 2008

Electronic Engineering

Fundamental on Automatic Control I 2004-2005
Fundamental on Automatic Control II 2004-2005

- 1999 **Seminary** (2 hours) at the Electrical, Computer, and Systems Engineering Department, September 9, 1999, "Comparing Digraph and Petri Net Approaches to deadlock Avoidance in FMS".
- 2008 **Lecture** (3 hours) at the School of Electro-Mechanical Engineering, Xidian University, Xi'an, China, June 25, 2008: "Deadlock problems solved by graph theoretic approaches"
- 2008 **Lecture** (3 hours) at the Fourth Spring School on ICT, economical and organizational issues for e-health integration in the enlarged Europe, Capo d'Istria, Slovenia, June 26-29, 2008 "Modelling by Petri nets: Basic concepts and applications to the hospital management"
- 2009 **Plenary speech** at the 6th International Conference on Informatics in Control, Automation and Robotics, Milan, July 2-4, 2009: "Impact of the ICT on the management and performance of Intelligent Transportation Systems".