

System Dynamics Italian Chapter (SYDIC)

Annual Report (2005-2006)

(Habib Sedehi)

The main activity of the System Dynamics Italian Chapter (*SYDIC*) has been based on designing and building the new website of the Chapter which is already on-line (www.systemdynamics.it). The site was designed and developed involving both PhD Engineering faculty students of Rome "Tor Vergata" University and BSc Communication Sciences faculty students of Rome "La Sapienza" University. The *SYDIC* website has the aim to involve all the members in order to heavily and continuously interact by putting in common each other's experiences.

The other important event of 2005-2006 academic year for the diffusion of SD in Italy is the starting year of the brand new SD course for advanced degree (II° level "Laurea") students at Communication Sciences faculty- Rome University "La Sapienza". The course, done by Habib Sedehi, aims to introduce the System Dynamics methodology and development of simulation modelling.

In addition, as passed years, there has been continues academic activities of the *SYDIC* members in SD field. These are, as usual, divided in the following three geographical country areas:

North:

University of Milano "Bicocca" – Faculty of Computer Science – Thesis in System Dynamics applied in study of Flies Life Cycle¹

University of Piacenza "La Cattolica" – Master of Management in the Network Economy – Business Simulation course¹

University of Padova – Faculty of Statistics – Integrative lessons to Simulation Course¹

University of Bologna – Faculty of Computer Sciences – Advanced degree in Information Technology & Management - Full course in System Dynamics & Strategy use of System Dynamics methodology²

Research activity in System Dynamics at the Department of Computer²

- National Research Projects for the 2004-2007 involving System Dynamics; Dynamics and Performance Determinants in Clusters of Firms: A Computational Approach (PRIN 2004)
- The evolution of clusters of firms: emerging technological and organizational architectures

Centre:

University of Pisa – Faculty of Computer Sciences – Department of Environmental Sciences – Full course in Environmental modelling with use of SD³

University of Rome "La Sapienza" – Faculty of Communication Sciences – Advance degree in Enterprise Communication – Full course in System Theory and Dynamic Modelling
Research and Thesis on use of SD in different fields; Communication, Marketing, Project Management, e-Learning courses⁴.

University of Rome "La Sapienza" – Master at Faculty of Statistics Sciences – Department of Data Intelligence and Strategic Decisions – Integrative lessons in SD¹

University of Rome “Tor Vergata”– Faculty of Engineering – Department of Enterprise Engineering – use of SD methodology in enterprise production processes
Research and Thesis in SD in different areas; Operations Management, Business, CRM, Logistics & Transportation, Finance, e-Learning, Software Project Management⁵

South

University of Palermo– Faculty of Political Sciences – Master in Managing business growth through System Dynamics and Accounting Models - A strategic control perspective⁶

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