



Established in 2004

as Satellite Center of MISS Genoa



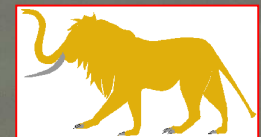
MISS Satellite Center within PERUGIA DIIN

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DIIN Perugia

- The Dipartimento di Ingegneria Industriale (DIIN) is an Institution of the University of Perugia, one of the oldest (founded by the Pope in the 1308) and more prestigious University of Italy.
- DIIN research interests are in many fields of industrial engineering such as energy, environment, mechanics and simulation.
- In DIIN there are more than 100 people considering professors, assistant professors and researchers. In the 2003 incomes overpass 5'000'000€.





MISS Satellite Center Aims

Perugia Simulation group is strongly supporting use of simulation as quantitative method for human activities analysis, the networking with MISS is expected to provide additional opportunities

Perugia feels that in MISS could provide contribution in networking, exchanges, cooperations, joint projects

The proposal to startup the MISS Perugia as Satellite of Genoa was based on on-going Cooperations and previous common experiences in Simulation; this is expected to support the startup and network coordination





The DIIN Simulation team

- DIIN Simulation Team is rapidly growing up since 2001
- Today 5 researchers and professors are involved plus PhD Students
- In the future the expectation is to increase the activities and the group
- DIIN Simulation Team coordinator, Prof. Stefano SAETTA is active in simulation since 1999 and involved in conferences (i.e. Track Chair in SCSC) and initiatives with major Associations (i.e. Liophant Simulation, SCS)





Simulation Team Courses

- Currently in University of Perugia the Simulation Team teach the following courses involving “simulation elements”:
 - Industrial Plants, 3rd Year Mech.Engineering
 - Logistics System Management, 3rd Year Mangt.Engineering
 - Industrial Management, 3rd Year Mech.Engineering
 - Supply Chain Management, 5th Year, Mech.Engineering





Simulation Team Projects

- DIIN Simulation Team projects are mostly directly to cooperation with SME, among the others we can outline:
 - Spagnoli: Warehouse Simulation in Textile Industry
 - FaberFlaminia: Hoover Assembling Production Line Simulation
 - ISACOAT: Scenario Analysis for Coatings
 - Tecnocar: Truck Trailer Customization Line Simulation
 - QCSView: Quality Control in Paper Industry





Simulation Team Resources

- DIIN Simulation Team operates in Labs located in Perugia University and Terni Center (over 50 PCs); as simulation tools we use commercial packages and languages:
 - ModSim
 - Packaging Java
 - Automod
 - Java
 - C++





On-Going Initiatives

- DIIN Simulation Team innovative initiatives involve cooperation with other centers in:
 - LESNEX: Lean Simulation Network of Excellence
 - SMESIM: Application of Simulation in Small and medium enterprises
 - SUSIM: Supply Chain application of Simulation
 - SCS Technical Councils





Perugia Satellite Center Staff

- Perugia Satellite Center Staff supporting the application to MISS is composed by:
 - Stefano Saetta (Industrial Engineering) Director
 - Marina Massei (Project Management) Associate Director
 - Lorenzo Tiacci (Management Systems)
 - Andrea Martini (AI Techniques)
 - Daniela Leonardi (Environmental Modelling)
 - Massimo Pedetti (Formal Modelling)
 - Francesco Bianconi (Product Design)

