(Distributed Software) Design Laboratory

- **Dr. V. Gervasi** (Dipartimento di Informatica)
- How to design, build and test **distributed applications**
  - Requirements analysis
    - Stakeholders, problems, analysis patterns, formal specifications
  - Design
    - UML w/specific profiles, design patterns
  - Building
    - Coding, assembling and deploying "in the large"
  - Testing and performance measurement
    - Test plans, monitoring, autonomic systems and self-diagnosis

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- Formal lectures interspersed with practical sessions

  - Including meetings, discussions, presentations

- Goal: Identifying, designing, building and testing of a **real-life distributed application**

- **Team work**-based

  - Different teams in charge of different activities

  - Cooperation, not (necessarily) competition

  - Exam by <u>individual</u> in-depth discussion