

# (DS)DL

## *Distributed Software Design Laboratory*

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# *Logistics*

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- **Contacts**
    - Vincenzo Gervasi <gervasi@di.unipi.it>
    - <http://www.di.unipi.it/~gervasi>
  - **Lectures**
    - Monday, 16:00-18:00, room L1 – building B
    - Friday, 16:00-18:00, room L1 – building B
  - **Office hours**
    - Wednesday, 17:45, room 333 – CS Dept, building C
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# *Overview of the course*

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- Emphasis on
    - Designing distributed software systems
    - Hands-on experience
  - Themes
    - Requirements engineering
    - Design patterns and their implementation(s)
      - Technology overview
      - Decision criteria and metrics
    - Laboratory work
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# *Agenda*

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- Requirements Engineering
    - definition, scope
    - roles
  - The correctness problem
    - the machine and the world
    - users are part of the world
    - users & customers
  - The Problem Frames approach
    - presentation, examples
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# *Agenda*

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- A catalogue of basic frames (and where users appear in them)
    - required behaviour
    - commanded behaviour
    - information display
    - simple workpieces
    - transformation
  - Standard concerns and distributions concerns
    - problems you will face and how to prepare for them
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