

**PASI 2011**

**Group 4**

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# General comments

- Great opportunity for
  - People interested in applying optimization methodologies to their research.
    - Understanding the scope and drawbacks of various techniques.
  - People with an optimization & control background to
    - Understand the applications of optimization in areas outside of their research & especially in the industry.
- Above all,
  - Interacting with highly esteemed faculty in
    - A Professional environment – seminars and Q&A.
    - A Casual environment – sports activities and dinner table conversations.
  - Interacting with students from different backgrounds and cultures.

# Specific comments

- Thorough description of the mathematics and applications in all fields (Process Design, Operations, Control).
- Easy to understand for people without a background in the field.
- Can apply it right away!

# For future PASI's

- ✓ First few lectures spent in presenting fundamentals:
  - ✓ LP, NLP, MILP, MINLP.
- ✓ Demos interspersed with the lectures wherever possible.
- ✓ New topics:
  - ✓ Nonlinear control,
  - ✓ Stochastic programming,
  - ✓ Global optimization.
  - ✓ Future directions for academia?
  - ✓ One lecture on integration of different PSE layers.
- ✓  $3 \times 20 > 2 \times 30$ .