

PASI 2011

Process Modeling and Optimization for Energy and Sustainability



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Group 8

Ideas and topics covered in PSE, both general and comprehensive:

- NLP Optimization
- Control
- MILP Optimization

Interesting cases included:

- Planning and Scheduling
- Industrial processes cases (Petrobras, Honeywell)
- Process synthesis
- Heat integration
- Process integration
- Ex: SMB

Easy going professors

GOOD POINTS

Nice location

Software – appropriate, relatable examples and applications of concepts

Sport activities and free time!

Cultural exchange and the people we met

Lecture Order

The presentations should be scheduled in order of increasing complexity

More detailed introductions

More detailed introduction of the presenters research focus

Seminar Scope

More general ideas and less details in seminars
...so as to give the BIG PICTURE



SUGGESTIONS

Software applications – more time!

Future challenges to discuss at the next PASI:

- * Uncertainty
- * Green Supply Chains
- * Carbon Sequestration Process

Acknowledgements

- PASI Organizers
- PASI Seminar presenters
- PASI Lecture presenters
- YOU!!....Thanks for listening