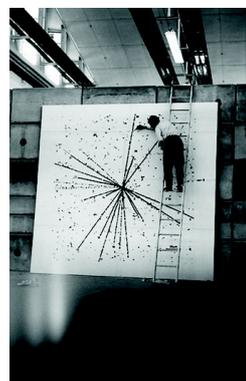
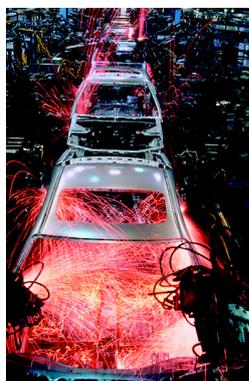


# GOSPEL Workshop on Design of Experiments

Barcelona, 10-11 June 2008



Carefully designed experiments are vitally important across many industrial sectors.

Following the success of last year's event, GOSPEL, the European Network of Excellence in artificial olfaction, again invites academic and industrial researchers to a two-day workshop in Design of Experiments.

The event will emphasise practical experimental work rather than mathematical analysis and modelling. Through hands-on experimentation participants will learn good statistical practice and how to optimise experimental design. The workshop will be tailored to the audience's interests with examples and case studies, and is particularly relevant to engineers and scientists working in areas such as chemical detection, process design and process control.

## Programme

The workshop will cover:

- Full factorial designs
- Screening designs
- Fractional factorial designs
- Response surface methodology (central composite, face centred and Doehlert design)
- D-Optimal designs
- Multicriteria decision making
- Designs for qualitative variables at more than two levels
- Mixture designs
- Mixture designs with constraints
- Composite designs (mixtures and process variables)

## Presenter

Dr Riccardo Leardi is a chemometrician from the University of Genova. His research interests include problems related to food, environmental and clinical data, and process optimisation. He is author of almost 90 papers, and has been an invited speaker to many international meetings, and industrial and research centres. Dr Leardi is Review Editor of the Journal of Chemometrics and Editorial Adviser of *Analytica Chimica Acta*.

## Venue

Chemistry Faculty, University of Barcelona  
Martí i Franquès, 1  
08028 Barcelona, Spain

## Registration

Participation in the workshop is free. Accommodation must be arranged separately.

Registration is open through [www.gospel-network.org](http://www.gospel-network.org)

## Further information

You can email Santiago Marco [smarco@el.ub.es](mailto:smarco@el.ub.es) with queries about the programme and content, or Daniel Calvo [dcalvo@el.ub.es](mailto:dcalvo@el.ub.es) to enquire about accommodation and logistics.

## GOSPEL Partners

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[www.gospel-network.org](http://www.gospel-network.org)

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