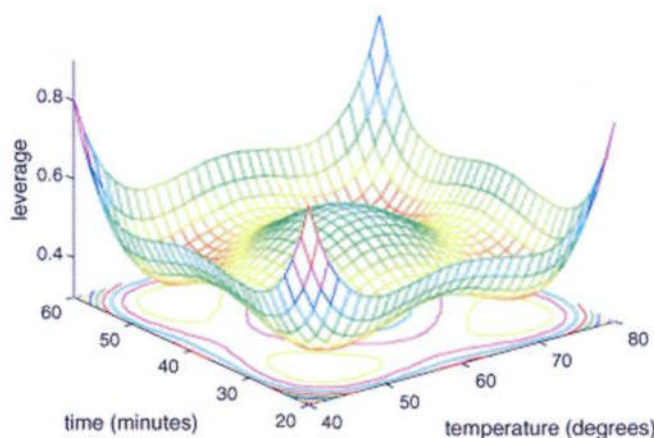


SCHOOL OF EXPERIMENTAL DESIGN – Genoa, 11-15 November 2019.
Aula Caffa, c/o Department of Economy, Via Vivaldi, 5 - Darsena - 16126 GE

Indicative timing:

- Day 1. 10 – 12.30 (optional)**
Basics of univariate statistics and introduction to multivariate analysis (PCA).
- 14 – 18**
*Introduction to Experimental Design – Why multivariate
 Full Factorial Designs*
- Day 2. 9 – 12.30**
Full Factorial Designs, presentation of CAT (Chemometric Agile Tool)
- 14 – 18**
Screening Designs, Fractional Factorial Designs
- Day 3. 9 – 12.30**
Central Composite Design, Practical Application (part 1)
- 14 – 18**
Practical Application (part 2), Multicriteria Decision Making, Doehlert Design
- Day 4. 9 – 12.30**
D-Optimal Designs, Designs with qualitative variables having more than two levels
- 14 – 18**
Mixture Designs
- Day 5. 9 – 13**
Mixture-Process Designs, ...



From: "Experimental design in chemistry: A tutorial" R. Leardi, *Analytica Chimica Acta* 652 (2009) 161–172.