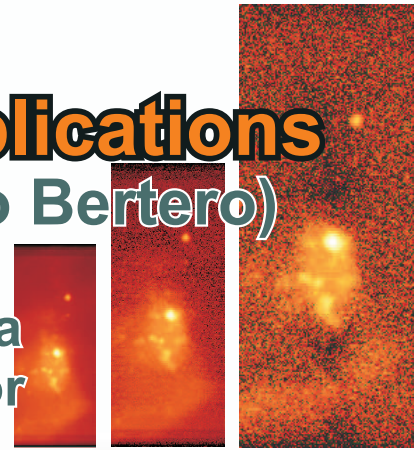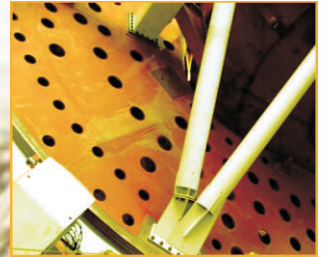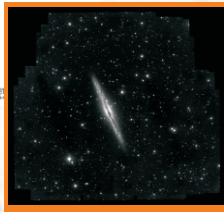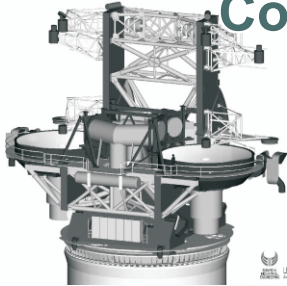# Inverse Problems and Applications

(Workshop in honour of Mario Bertero)

2nd February 2011
DISI - University of Genova
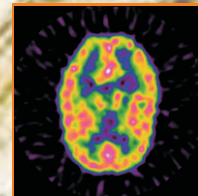### Conference Room 3rd floor

Scientific Program

9.15 Welcome
Prof. Alessandro Verri

9.30 Iterative algorithms for large size Least-Squares constrained regularization problems
Prof. Elena Piccolomini and Prof. Fabiana Zama

10.10 First link with Mario: need for stability
Prof. Pierre Sabatier

10.50 Mixture models and EM algorithms for radiographic images denoising
Prof. Alberto Borghese and Dott. Iuri Frosio

12.00 Some Fairy Tales from Sparseland
Prof. Christine De Mol

12.40 Remarks on Busemann equation
Prof. Giorgio Talenti

14.30 Solar Energy Prospects
Prof. Piero Salinari

15.10 Optimization approaches for image reconstructionon multiprocessor systems
Dott. Riccardo Zanella

15.30 Block coordinate gradient projection approaches for Nonnegative Matrix Factorization
Dott. Silvia Bonettini

15.50 Spectral Methods for Learning a Set
Dott. Ernesto De Vito