Highlights
- Advanced design methods with reference to complex systems and structural design (optimal design, multi-objective optimisation, robust design, topology optimisation, ...).

Applications
- Applications to the design of ground vehicle systems and subsystems.
- Lightweight design.

Methods:
- Development of innovative optimisation methods and applications.
- Evolutionary computation (GA), global approximation, reliability based optimisation, SIMP, ...

Collaborations:
- CRF, Ferrari, Honda, Magneti Marelli, Brembo, Univ. Michigan, ADEPT, ...

Selected papers:

Contacts:
Prof. Massimiliano Gobbi – massimiliano.gobbi@polimi.it
Prof. Gianpiero Mastinu – gianpiero.mastinu@polimi.it