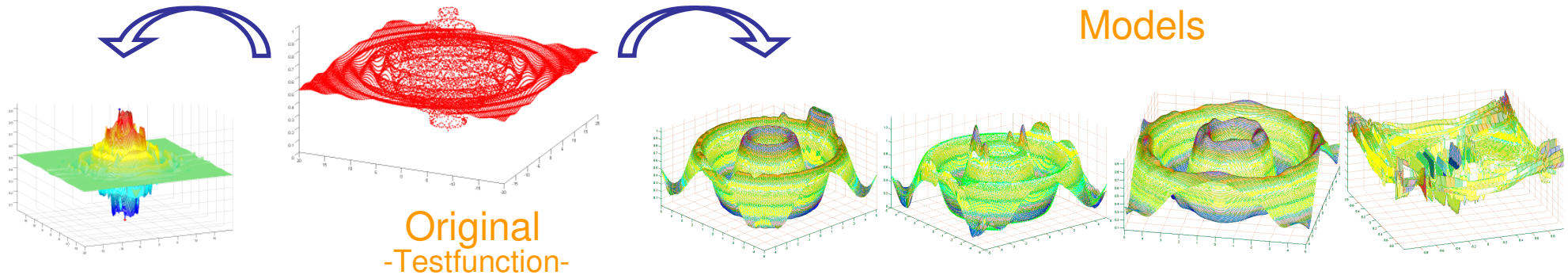




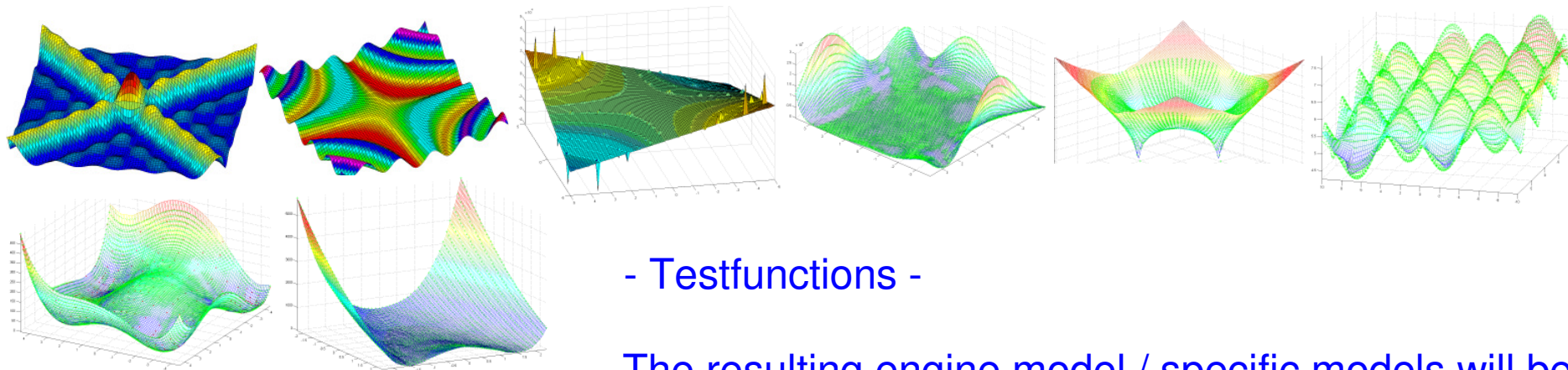
Task 11.2 Intelligent engine



Modelling of *engine processes* in progress – to be adopted to the prototype test engine



Subsequent *optimization algorithms* evaluate the model obeying the ambient condition - and try to find the best operating point of the engine



The resulting engine model / specific models will be *multidimensional* and therefor no more presentable in total

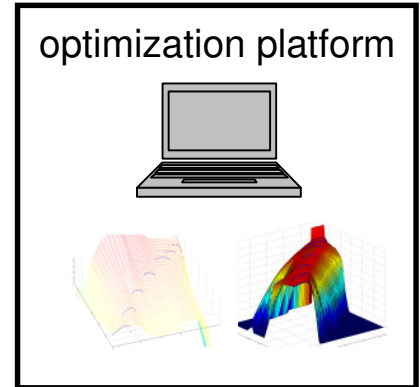
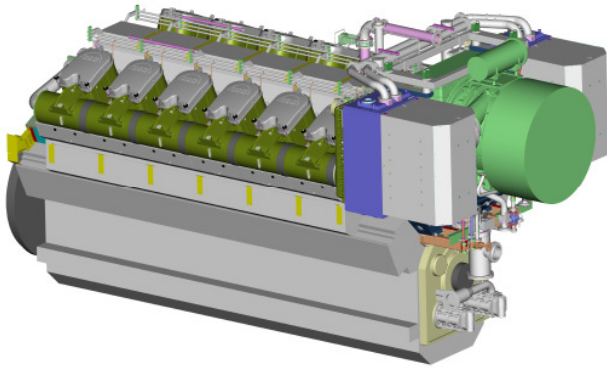


Task 11.2 Intelligent engine



MAN B&W Diesel

Intended configuration of the prototype test engine



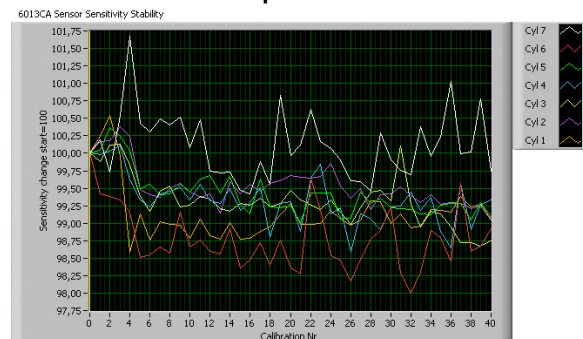
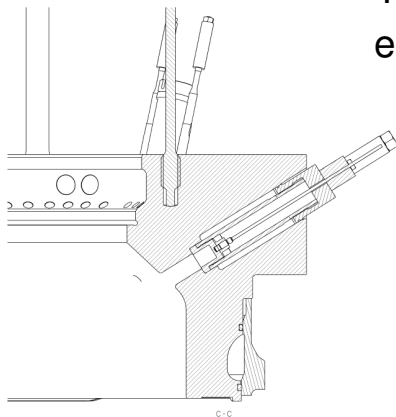
Online combustion pressure measurement – as a part of the subsystems to be developed

Two different sensors. Four different ways of installations.

Tests have been carried out in the period of first half of 2004 until end of 2005 on the ship BOW FIRDA – a chemical carrier.

Optimization towards

- sfc
- emissions
- wear + tear



Eng. Type:
7S60ME-C