

# ARUP

*"This course will provide you with enough understanding to get going with LS-OPT and the ability to interrogate the results with confidence."*

**Ben Crone**  
Arup: Senior Engineer

## Introduction to LS-OPT

### Course Objective

A comprehensive introduction insight into LS-OPT and its uses in allowing users to exercise aspects of mathematical optimization, design optimization and robust design.

- › LS-OPT Setup
- › Optimisation Algorithms
- › Metamodel & Sampling Strategies
- › Curve Matching
- › Parameter Identification
- › Post-processing

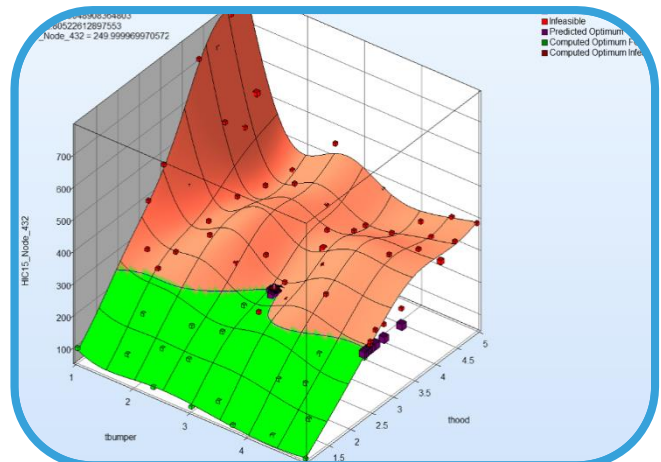
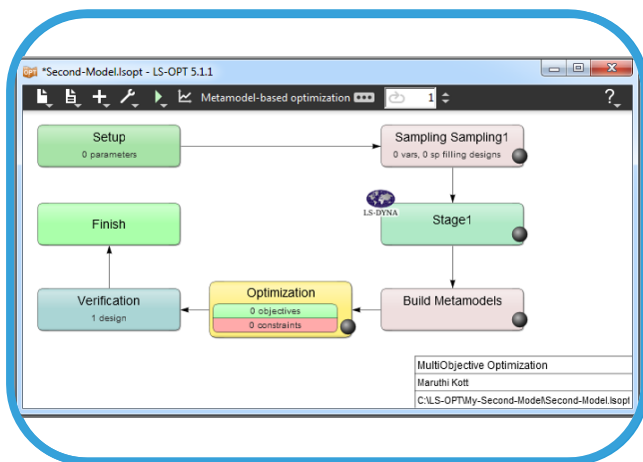
This two day course is aimed at those interested in getting up to speed with LS-OPT with little or no previous experience.

The course covers the basics of using LS-OPT to solve multi-objective optimisation problems including special cases such as curve matching and parameter identification. Example problems are used to reinforce learning and to demonstrate the different post-processing tools available in LS-OPT.

### For who?

Those interested in LS-OPT but have little or no experience.

PRICE: £ 800 + VAT



**Location:** The Arup Campus, Blythe Gate, Blythe Valley Park, Birmingham, Solihull B90 8AE