

Introduction to TRIZ

Day 1

Welcome, introduction, program overview
Methods behind CAI (overview)
Inventive Principles, Technical Contradiction, Physical contradiction
Working with the Altschuller matrix.
Exercises: Manual work with Altschuller's principles and matrix
Exercises: Work with Innovation WorkBench® contradiction matrix
Substance – Field Models, introduction
Exercises: Altschuller's „standard solutions“
Exercises: Operators in Innovation WorkBench®

Day 2

Welcome, open questions from day 1
Function & Value Analysis
Trimming
Ideality short presentation
Patterns of evolution
Exercise: Working through an example with Innovation WorkBench®
Overview I-TRIZ (IPS, AFD, DE)

Day 3

Welcome, open questions from day 2
Work on examples of the participants
Discussion: How to use TRIZ in our daily work?

