

Agenda

TRIZ Public Seminar

Warsaw, 06. 20-22. 2016.

Seminar will be conducted by prof. Sergei Ikoenko

President of the MA TRIZ, professor adjunct of Massachusetts Institute of Technology

Day 1

Introduction

1. Function Analysis:

▪ Component Analysis

Rules and recommendations

▪ Interaction Analysis

▪ Function Modeling

Rules and recommendation

Function types

Level of performance

Ranking (Value calculation)

Hands-on Practice

Day 2

2. Cause-Effect Chain Analysis

Rules and recommendations

"Vicious circles"

3. Trimming for devices

Rules of Trimming

Trimming models

4. Problem modeling in TRIZ

5. Engineering (Technical)

Contradiction modeling and the tool for resolving them.

Inventive Principles

Hands-on Practice

Day 3

6. Physical Contradiction modeling and the tools for resolving them.

Hands-on Practice

7. Introduction to Trends of Engineering System Evolution and S-F modeling.

8. Application of TRIZ tools

Introduction to Competitive Patent Circuvention.

Conclusion, Q&A

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