

Technological forecasting seminar

Dmitry KUCHARAVY, June 2008. Florence, Italy.

32 academic hours (4 days), ■Lectures-presentations, ■Trainings, ■Practice for 2-3 case studies, ■Q&A discussions, ■Resume-form for each day

INITIAL SITUATION

Group of attendants (maximum 15) are interested about technological forecasting approaches with elements of OTSM-TRIZ and about problems of forecasting from practical and research viewpoints.

OBJECTIVES

1. To have a clear visions about existing techniques for technological forecasting in body of knowledge of contemporary TRIZ.
2. To present the interim results of research about methodology of technological forecasting based on contradiction mapping and scarce resources assessment.
3. To present some interim research results about problems of forecasting.
4. To exchange information about paradigms and disclosures, applicable for forecasting.

CONTENT

Day 1: TRIZ-instruments for forecasting: past, present and future. Exercises and trainings.

Day 2: Interim version of technological forecasting process. How does it work? Case example. Case studies.

Day 3: Waves and cycles. Practice about networking the problems. Case studies.

Day 4: Problems of Forecasting. Practice of timing the network of contradictions
Presentation of developed case studies.

TRAINING COURSE SCHEDULE:

Day #1:

9:00-10:30

10:45-12:15

12:15-13:00 Practice and Q&A discussion

13:00-14:00

14:00-15:30

15:45-17:15

17:15-18:00 Practice and Q&A discussion

Day #2:

9:00-10:30

10:45-12:15

12:15-13:00 Practice and Q&A discussion

13:00-14:00
14:00-15:30
15:45-17:15
17:15-18:00 Practice and Q&A discussion

Day #3:

9:00-10:30
10:45-12:15
12:15-13:00 Practice and Q&A discussion
13:00-14:00
14:00-15:30
15:45-17:15
17:15-18:00 Practice and Q&A discussion

Day #4:

9:00-10:30
10:45-12:15
12:15-13:00 Practice and Q&A discussion
13:00-14:00
14:00-15:30
15:45-17:15
17:15-18:00 Practice and Q&A discussion

HANDOUTS & APPENDIXES

- Course's handout: copy of slides and appendix materials.
- List of references.
- Articles and papers about presented approach.

THE COURSES LANGUAGE

Technical English.

REQUIREMENTS

Basic TRIZ-knowledge is preferred.

Fixed list of training course participants (maximum 15 participants).

Available classroom with equipment:

- white board, flip-chart, markers, facilities to fix posters on the wall;
- video projector for computer slides show;
- comfortable conditions for learners.

2/3 of appointed learners are present and have not other scheduled works.