

The Information Newsletter of the International TRIZ Association

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I. Official Information

The ninth convention of the International TRIZ Association took place on July 5, 2005 in St.-Petersburg.

Protocol of the Ninth Convention TRIZ International Association

http://matriz.ru/file.php/id/f4695/name/Протокол_съезда-2005.doc (in Russian)

25 of 32 TRIZ Social Organizations have been registered for the Convention.
Regional TRIZ organizations' members were also present at the Convention.
The total number of participants was about 60 persons.

M.S. Rubin, MATRIZ President (the report can be found on MATRIZ site) has presented the report on MATRIZ activities in 2003-2005.

The reports on MATRIZ subdivisions activities were presented by V.I. Timokhov, vice-president of informational development, S.A. Ikovenko, vice-president of international development, S.S. Litvin, vice-president of Northern America, M. Barkan, vice-president of

public relation, A. Lyubomirskiy, the chairman of Expert Council, B.L. Zlotin, the head of Ideation TRIZ Research Lab (ITRL) of the International TRIZ Association, A.V. Kislov, chief-editor of Journal of TRIZ.

The following corrections of by-laws had been offered:

- to change the title, Chairman of MATRIZ, to President of MATRIZ in by-laws;
- to remove the restrictions on the duration of work at the MATRIZ Presidium (come into force on the voting date);
- Any Regional Organization, MATRIZ Member, must have at least one level 4 certified specialist of TRIZ as its member. Current Regional Organizations, the active Members of MATRIZ, have two years to comply with this provision.

Only level 4 certified TRIZ specialists and TRIZ Masters may be elected to MATRIZ Presidium (this item is in forth for the next MATRIZ Convention).

Mark Barkan was elected MATRIZ President.

Appendix. The Report on MATRIZ convention is published here:

<http://matriz.ru/file.php/id/f4699/name/Report-MATRIZ-2005-ru.doc>

II. Conferences, Seminars

The following events have taken place from July 2 to July 8, 2005 in St.-Petersburg:

- TRIZ-readings (July 2)
- MATRIZ Conference (July 3-4)
- MATRIZ Convention (July 5)
- Educational Seminars (July 6-8).

TRIZ-Readings

TRIZ-Readings have been organised by initiative group for discussion of TRIZ problems and prospects by the leading specialists.

Thirteen persons have participated in the Readings. The participants' theses are published in the first volume of "Journal of TRIZ".

International Conference «TRIZ Development: Achievements, Problems, Prospects»

The Conference, to which more than 90 reports were presented, has been held on July 3-4.

The main idea of the Conference was the generalisation of experience accumulated by TRIZ organizations and specialists all over the world.

142 persons from 13 countries (Russia, Belarus, Latvia, Lithuania, Ukraine, USA, Germany, France, Czech Republic, Israel, Australia, Austria, Japan, South Korea) have participated in the Conference and Convention.

Five directions presented the Conference work:

- "TRIZ Spreading in the World";
- "New Developments and Extension of TRIZ Toolbox Applications";
- "The Main TRIZ Directions and its Development Tasks";
- "TRIZ-Pedagogic";
- "Future of Technique, Nature, Society, and Human from TRIZ Viewpoint".

103 reports were submitted to the Conference, majority of which are published in Conference Proceedings. More than 90 reports have been read in five sections. During the Conference and Convention two Master-classes and more than 10 Round-tables have been held.

The list of the reports of Conference "MATRIZ Fest 2005" is bellow.

MATRIZ Convention

With the Convention MATRIZ work of the last two years was summarised, the activity of the whole time existence was analysed. The details are performed on the web-site. M. Barkan (USA), A. Gasanov (Russia), B. Zlotin (USA), A. Kislov (Russia), V. Kudryavtsev (Russia), S. Litvin (USA), V. Petrov (Israel), V. Timokhov (Belarus), S. Ikovenko (USA) were elected to new Presidium.

Seminars

Two educational seminars have been held from July 6 to July 8:

1. "Situations Analysis, and Problem Definition and Solution".

Seminar objectives:

Presentation of the problem situation analysis, the rules of the tasks defining and their solution tools to a listener. The Seminar is based on the TRIZ materials. Seminar duration is 24 hours.

Seminar teacher is Gennady I. Ivanov, TRIZ Master, TRIZ-Engineering Consultant, and the author of more than 100 inventions, scientific and popular books and methodological developments.

2. Seminar for TRIZ Researchers. The leading teacher is Yu. Murashkovskiy, the teacher is M. Rubin.

The main seminar objectives:

- Learning the principles of investigative thought and work.
- Training on the investigation activity
- Discussion of TRIZ-community opportunities in the investigation field and preparation of the collaboration plan.

58 participants have taken part in the seminars.

Reports on the Conference "MATRIZ Fest 2005"

Section 1 TRIZ Spreading in the World

25 years with TRIZ in the Czech republic and Slovakia B. Busov, P. Jirman, V. Dostal

TRIZ in Korea Seung-Hyun Yoo

Future of CAE and TRIZ Seung-Hyun Yoo

Project examples to start and foster dissemination of TRIZ in Austria Juergen J.

The role of practice in mastering TRIZ I. Belski and others.

Section 2 New Developments and Extension of TRIZ Toolbox Applications

Mastering strategic innovations contra resource restrictions contradiction oriented innovation strategy wois, based on TRIZ H. Linde, G. Herr, A. Rehklaue

Extended standards system V.M. Petrov

Principles of needs development V.M. Petrov

To the theory of the social tasks solution: problematization, review, toolbox A.A. Gin

Technology of effective solution A.V. Podkatilin

TRIZ in Russian industry A.V. Podkatilin

Search fields in the discovery industry S.V. Kozlovskiy

Application of the Su-Field analysis to development of the physical-technical effects database
A.V. Revenkov, A.S. Tokarev

Some of the opportunities of application of database on chemical effects usage in the patents
V.A. Mikhaylov, D.S. Kosarev

Customisation as the highest stage of development L.H. Pevzner, D.S. Boguslavskiy,
L.M. Rapoport

Problem situation analysis and formulation G.I. Ivanov, A.A. Bystritskiy

Priority principles in systems' development S.V. Kukalev and others.

Section 3 The Main TRIZ Directions and Its Development Tasks

TRIZ development prospects V.M. Petrov

TRIZ development space A.V. Kudryavtsev

Creative task as factor of TRIZ development M.S. Gafitulin

New problems and development ways of TRIZ G.S. Pirogov, S.V. Antonenko,
A.G. Makhmudov, Ya.G. Shifris, A.G. Soboleva

Toward the new TRIZ stage: resources, new and old forgotten ways B.M. Akselrod and
others.

Section 4 TRIZ-Pedagogies

How much of TRIZ do a teacher and a pupil need? M.A. Stepanchikova

Opportunities of TRIZ in a situation of the general education modelling O.E. Lebedev

On TRIZ technologies through the usual morphological box V.B. Kryachko

Flow model of the educational material mastering A.A. Fridlyand

Creativity technology in the researcher's professional activity G.G. Bratsev

Physics in open and invention tasks A.F. Kavtrev and others.

Section 5 Future of the Technology, Nature and Human from TRIZ Viewpoint

Ideal and progress A.V. Seredinskiy

For design D.S. Smirnov

TRIZ development ways under the demographic changeover S.V. Kukalev

Additionally – report of B.L. Zlotin

Photo report

Brief photo report on the Conference and Convention can be found on
<http://matriz.ru/ru/section.php?docId=4009>

III. Publishing

Journal of TRIZ, No. 1/14 (June 2005) has been published

Issue Contents:

- Technique development tendencies on the base of TRIZ
- Tasks and development prospects of TRIZ (on the materials of TRIZ-readings)
- TRIZ school (methodical materials for teachers and students)
- New methodical developments:
 - Functional analysis convoluted to casual functional model
 - Generalisation of the conflict resolution methods, new opportunities of application in non technical fields
 - Features of the third system development stage
 - TRIZ in chemistry – lines of hollow increasing in materials
 - "Admission of inadmissibility " as a method of task solution
- TRIZ out of the technique:
 - Approach to activity organisation
 - (TRIZ in a mirror of western and eastern traditions)
 - Introduction to forecasting methods
 - Principles of need development
- TRIZ fantasy

In the next issues:

- Planet and society future from the TRIZ viewpoint
- Key TRIZ development tasks from the other sciences viewpoint
- Methodologies for ourselves (from the TRIZ masters private arsenals)
- Synthesis algorithms in TRIZ-FCA
- Algorithms of finished solution search
- What methodology tool should be chosen from TRIZ arsenal in concrete situation? (Practicing specialist's guide)
- Is my task solving correct? (Self-checking methods)
- Thought way analysis (course of beautiful solutions – step by step)
- What is the main TRIZ mastering problems?
- Methodical manuals for children and adults education (from issue to issue)
- Where can non-TRIZ specialist study TRIZ?
- How can TRIZ be self-studied?

The Journal is published in Russian and English non-less than twice a year and distributed by subscription.

Application for subscription (address, e-mail, language(Russian, English), number of issues, number of copies) should be send to journal@matriz.ru

Book by Yu.P. Salamatov "How to Become an Inventor"

Second edition of book "Now to become an inventor" by Yu.P. Salamatov will be published at the end of year ("Prosveschenie" Publisher; 127521, Russia, Moscow, 3-rd Maryina Roscha proezd, 41). Phone: +7 (095) 789-30-40, manager of pedagogic and psychology editorial Larisa I. Lnyanaya LLnyanaya@prosv.ru

TRIZ-Profi: effective solutions

INTECO Corporation has issued almanac "TRIZ-profi: effective solutions" published on May, 2005 in Moscow. The almanac is presented with the wide range of materials on TRIZ application in technical and social fields of activity. Issue is representative, 160 pages, full coloured, and artwork.

A number of materials are published for the first time; some of them will be placed on TRIZ web-sites soon.

IV. Seminars on TRIZ

Constantly we receive the requests on holding of TRIZ seminars. So we plan to form and distribute through MATRIZ Newsletter and web-sites the information on TRIZ seminars that took place and under planning. Today we present the information received from three sources only. But we hope that the section "Seminars on TRIZ" will be widely extended in the next Newsletter issue by virtue of the information from TRIZ teachers.

Seminars of R. Floresku

Roman Floresku has held the following seminars from April to June, 2005:

1. Two practical seminars "Fantasy anagement. ALSOKA-2002. Inventive tasks solution in art" for the art teachers in Kishinev State Pedagogical University at the design and art faculty.
2. Six business-trainings and consultations "The basics of business-problem solution on TRIZ foundation" for (as employee of Kishinev consulting group "Academy of success"**) for big shops and companies of Moldova.

Seminars of V. Sibiryakov and L. Semyonova

1. "Strategic development", tree days, July 11-13, Moscow, "Profindustry" Company, 14 persons, leaders of the group companies, V. Sibiryakov, L. Semyonova.
 2. "Theory of Invention Task Solving", first level, two groups of 25 persons, four days duration, masters, department chiefs. May 16-26, "Severstal" Company, Cherepovets, V. Sibiryakov, L. Semyonova.
 3. "Theory of Invention Task Solving in Business", two days, June 4-5, 15 persons, chiefs of company group "Nord-service", New Urengoy, V. Sibiryakov, L. Semyonova.
 4. September 12, Chelyabinsk, seminar "Invisible management threads", V. Sibiryakov, L. Semyonova.
- Organiser is "Association for Business Assistance", Yulia Petrova, mail: petrova@assobiz.ru

Seminars of V. Timokhov and A. Podkatilin

Three-days seminar "Technologies of effective solutions" of V. Timokhov and A. Podkatilin took place on June 22-24 in Kirov, 18 persons, the heads of factory technical service.

Two-days seminar "Creative business" of V. Timokhov and A. Podkatilin has been held on June 15-16, 2005 in Moscow. 26 persons.

One-day seminar "Creativity as a technology" of V. Timokhov took place on June 10, 2005 in Moscow.

Two the same two-days seminars on 16 persons have been held on May, 2005 in Moscow.

V. Date-line

Editor – V. Timokhov, the member of the Presidium and the vice-president of MATRIZ.

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Translation into English– Vlad Semyonov.

Editor of English version – Mark Barkan.

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We thank all our colleagues for the information you sent to us.

Also we ask you to participate in the publication of the Bulletin. Please, send all pertaining information and news, as well as your ideas on the development of the Bulletin and MATRIZ web-site. We look forward for your support and help.

MATRIZ news are available on: [http://matriz.ru/?\\$!<year>2005</year>!\\$/Arhiv/](http://matriz.ru/?$!<year>2005</year>!$/Arhiv/)

The next, regularly scheduled, release of the Bulletin will be in September 2005.

How to subscribe

Archive of dispatches and management of a subscription at

<http://matriz.ru>

<http://www.trizland.ru/lists.php>