

# Information Newsletter of the International TRIZ Association

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## I. Official Information

### *MATRIZ Presidium Session*

The 23<sup>rd</sup> correspondence MATRIZ Presidium Session took place from February 16 to February 21, 2005. The teleconference of the Presidium members was conducted within the framework of the session on February 18. The session protocol can be seen at the section ["Protocols..."](#)

### *"TRIZ Association at SDI" (SDI –TRIZ, Korea) joins MATRIZ*

The organization "TRIZ Association at SDI" (SDI –TRIZ, Korea) has joined the International association TRIZ on February 22, 2005 (the membership card no. 35). SDI-TRIZ is created on the base of the company "Samsung SDI". The chair is Suh, Byung-Do. The total number of the specialists of the organization is 12. E-mail: [bdsuh@samsung.com](mailto:bdsuh@samsung.com)  
Our congratulations!

### *Attestation and Certification*

#### **Designation of the regional representative of MATRIZ on the attestation.**

In accordance with the effective Provision on attestation and certification in MATRIZ and the MATRIZ Methodology Council decision on February 12, 2005, it was decided to give to Mr. Dong-Lyoul Shin (TRIZ specialist certificate no. 59) the right to carry out the attestation of the TRIZ specialists up to the second level in the framework of «Samsung LCD business» arrangements until February 12, 2007. The certification of the regional MATRIZ representative on attestation is no. A-02.

### **Session of MATRIZ Council on Methodology**

The sixth correspondence session of MATRIZ Council on Methodology took place from February 1 to February 12, 2005. The issues of the confirmation of the complex of the tasks for the 1-3 level TRIZ specialist attestation were discussed.

[http://matriz.ru/?\\$!<date>2005\\_02\\_12</date><id>1</id>!\\$/Arhiv/news\\_det/](http://matriz.ru/?$!<date>2005_02_12</date><id>1</id>!$/Arhiv/news_det/)

### **Changes in MATRIZ Council on Methodology**

From the February 1, 2005 the TRIZ Master Bukhman I. (USA) is working on the MATRIZ Council on Methodology

*It is decided to grant the TRIZ specialist certificates to “Samsung TRIZ Associations”:*

Jeong-Seon Kim (certificate no. 68, the recommendation of TRIZ Master Rubin M.S. and “Samsung TRIZ Association”);

Jun-Young Lee (certificate no. 69, the recommendation of TRIZ Master Rubin M.S. and “Samsung TRIZ Association”).

### **New attestation system is in action.**

In accordance with the new MATRIZ rules, not only the public organizations can carry out the attestation but also the regional MATRIZ representatives can do this. The first such attestation was carried out by the TRIZ Master Bukhman I. (Diploma no. 4) in South Korea. The second level certificates are granted to 13 specialists:

02/00071/M-04	Hong-Bok We	Yeongi-Gun, ChungCheongNamD, Korea
02/00072/M-04	Hyun-ju Yi	Suwon, Korea
02/00073/M-04	Kwi-Jong Lee	Suwon, Korea
02/00074/M-04	Hye-Yeon Cha	Suwon, Korea
02/00075/M-04	Dae-Hyeong Lee	Suwon, Korea
02/00076/M-04	Sung-Chan Kim	Suwon, Korea
02/00077/M-04	Chang-Hyun Nam	Yeongi-Gun, ChungCheongNamD, Korea
02/00078/M-04	Kyung-Ho Lee	Suwon, Korea
02/00079/M-04	Hye-Ok Ryoo	Suwon, Korea
02/00080/M-04	Jae-Chan Lee	Suwon, Korea
02/00081/M-04	Gi-Lyong Na	Suwon, Korea
02/00082/M-04	Chul-Hwan Jung	Suwon, Korea
02/00083/M-04	Jong-Myeon Lee	Suwon, Korea

### **Congratulations**

We congratulate V.A. Mikhaylov on the Jubilee. Valeriy Alexeevich Mikhaylov, who is a TRIZ Master for thirty years, and the associate professor, is working in Chuvashia State University named after I.N. Ulyanov and teaching TRIZ. Valeriy Alexeevich is working at the University from 1974. The colleagues and students know him as the learned person, well-qualified specialist and an excellent teacher. V.A. Mikhaylov is TRIZ Master from 1998. He conducts TRIZ studies and develops TRIZ schoolbooks from 1972.

We congratulate Valeriy Alexeevich on jubilee and wish him the further success in the science, salubrity and creative longevity.

## **II. Conferences, Seminars**

Dear Colleagues!

The International TRIZ Association invites you to  
the Conference **“Development of TRIZ: achievements, problems, outlook”**,  
**Saint Petersburg, Russia, July 2– 8, 2005**

Schedule: July 2 – arrival and registration

July 3,4 – TRIZ conference

July 5 – the Congress of the International TRIZ Association

July 6-8 - training seminars (in Russian). With a minimum of 5 English speaking participants the seminars will be provided with English translation.

Information about the Congress of the International TRIZ Association will be distributed at a later date.

The main goal of the conference is to summarize experience of TRIZ-organizations and TRIZ specialists from around the world.

Conference Program:

1. Global proliferation of TRIZ – analytical review of experiences accumulated by the largest TRIZ organizations, leading information sources and international conferences.
2. New developments and broadening of application of TRIZ tools.
3. The main directions and goals of TRIZ development.
4. TRIZ training and assessment of qualification of TRIZ specialists.
5. The future of technology, nature, society and people from TRIZ point of view.

The information on conference papers is forthcoming in the next information letter.

**The conference includes – reports from different sections, stand reports, round table discussions, master classes.**

**Languages of the conference: Russian and English with online translation.**

**Multimedia availability: notebooks and LCD projectors + slide projector (Power Point or Word format on CD or floppy disks).**

Conference Location – a resort on the shore of the Gulf of Finland in Saint Petersburg's suburb. A truly picturesque place during "White Nights".

Conference registration:

1. Fill out and e-mail the application form (Appendix 1) to conference Administration – [nktriz@aesd.spb.ru](mailto:nktriz@aesd.spb.ru) (type "TRIZ-Conference" in the subject line) **By April 30.**  
On receiving registration notification, not later than **May 31**, total conference fee, as indicated in the application, is due. A 100% payment will insure current price.
2. If delivering a paper, submit the paper (doc-file, not more than 8 pages, Arial 12) to [nktriz@aesd.spb.ru](mailto:nktriz@aesd.spb.ru) **by May 31.**

For full refund cancellation should be received not later than **June 12**. Notify us at [nktriz@aesd.spb.ru](mailto:nktriz@aesd.spb.ru) or fax (812) 324-9810.

Please, send all your questions and suggestions to the regional organization "TRIZ-Petersburg" by e-mail [nktriz@aesd.spb.ru](mailto:nktriz@aesd.spb.ru) with "TRIZ-Conference" in the subject line or by phone: +7 (812) 324-4105.

*Conference Administration.*

**Application form for participation in the conference** – please, replace the comment in the right column with your answer.

1.	Participant	<i>Full Name, country of residence.</i>							
2.	Subject of the paper	<i>Choose the topic from the list of Conference Program (page 1) or write “no report”</i>							
3.	Title of the paper (article)	<i>If there is a difference between titles of the paper and article, write both in full</i>							
4.	Co-authors (if any)	<i>Each co-author should apply for participation individually!</i>							
5.	Paper abstract	<i>3-4 short sentences – what and why is suggested, how it can be achieved</i>							
6.	Your intended audience at the conference	<i>Example: TRIZ/VE providers; TRIZ/VE/DCI instructors; others</i>							
7.	Contact information	<i>E-mail, phone, address</i>							
8.	Days you would like to book at the resort – please highlight	<i>July 1, Friday</i>	<i>July 2, Saturday</i>	<i>July 3, Sunday</i>	<i>July 4, Monday</i>	<i>July 5, Tuesday</i>	<i>July 6, Wednesday</i>	<i>July 7, Thursday</i>	<i>July 8, Friday</i>
9.	Accommodation	<i>Indicate your preferred accommodation according to the example in Appendix 2</i>							
10.	Suggest your motto for the conference	<i>It is not obligatory; author of the best motto will get a prize!</i>							

**Accommodations.**Location:

A resort in the town of Komarovo ("favorite places of Anna Akhmatova ") 400 m from the Gulf of Finland shore.

In your free time:

Excursions to Saint-Petersburg (Hermitage and Russian Museum, "White nights in Saint-Petersburg", "History and Architecture")

Excursions to Kronshtadt, Vyborg

Trips to the lakes Krasavica (a picture of beauty) and Schuchje (5-6 km from the resort)

At the resort – billiards, table tennis, volleyball, badminton, Russian and Finnish sauna with swimming pool, horse back riding (riding lessons on request), belly dancing, singing at campfire, night meetings at the outdoors grill.

Accommodation price per person (includes three meals a day)<sup>1</sup>

	CATEGORY OF SUITE	NUMBER OF PERSONS IN SUITE		
		1	2	3
A	Luxury double two-room suite (double bed, sofa)	\$50.00	\$30.60	X
B	Double two-room suite	\$50.00	\$27.80	\$20.40
C	Double one-room suite (TV, refrigerator)	\$43.00	\$24.10	x
D	Double one-room suite (TV, double bed)	\$35.20	\$24.45	x
E	Double	\$33.35	630	x
F	Single	\$27.80	x	x
G	Double with a sink (toilet and shower on the floor)	\$24.10	\$15.50	x

EXAMPLES: A1 – if you need a luxury suite for one person

B3 – for 3 people (you come with your family) in a two-room suite

D2 – if you need one place a one-room suite for two persons

**Seminar for TRIZ Researchers**

On July 6,7 2005 the International Association TRIZ will hold the seminar for TRIZ researchers in St.-Petersburg. Number of attendees will not exceed 15. Yu. Murashkovskiy is the lead instructor, who will be assisted by M. Rubin.

The main goals of the seminars are as follows.

1. To teach the principles of the creative thought process and activities.
2. How to conduct investigative activity.
3. Discussion of the TRIZ-community capabilities in the field of investigations and the preparation of the joint project in this field.

**The sample seminar plan** (it can be corrected in the process of preparation):

1. Introduction. Seminar tasks.
2. Analogies and their role in science. Content of the scientific modeling.
3. Stages of development of scientific concepts. The features of the thought process necessary for new model development.
4. Review of the approaches to investigative activities in TRIZ.
5. An ability to see shortcomings of your model. Exercises.

6. Ability to transition from single to multiple facts. Exercises.
7. Ability to account for time in a model. Exercises.
8. Ability to think outside of a model.
9. Concept of the processes moving head-on. Exercises.
10. Concept of initial hypothesis. Exercises.
11. Concept of supermodel. Exercises.
12. Development of models. Exercises.
13. Card index. Exercises.
14. Change of the topic research.
15. Transition from periodic to evolutionary activities.
16. Typical schemes of interaction hypothesis. Concept of the fact-model. Exercises.
17. Transition from single-factor models to multiple factors models.
18. Closing exercises.
19. Seminar results.

For seminar participation it is necessary to send the request to Yuriy Murashkovskiy (e-mail [julijsmur@inbox.ru](mailto:julijsmur@inbox.ru)) up to March 30. You have to specify your TRIZ qualification in addition to name and address. The seminar participation is free but selection of attendees will be based on the quality of answers to the following questions:

1. What investigation topics are most important to you? (up to 1 page);
2. Construct the list of system operator shortcomings.
3. What investigations have you carried out or plan to carry out?

The answers to be submitted on or before May 15. We are waiting for your requests and questions.

Yu.S. Murashkovskiy  
M.S. Rubin

*Seminar "Systemic Analysis of the Problem Situations,  
Formulating & Solving Creative Problems"  
July 6-8, 2005 – Saint Petersburg, Russia*

Seminar targets technical and business professionals. The instructor is Gennady Ivanov – TRIZ Master, TRIZ consultant, and the author of over 100 publications and inventions. The seminar aims to familiarize participants with analysis of problem situations, rules of problem formulation and solution tools. The seminar is 24 hrs long, 3 days at 8hrs/day.

1. The basis of systemic thought process. What is system and systemic thought process. General principals of systemic analysis of a problem situation.
2. Technological system. What is technological system (TS). Completeness of system parts. "Life line" of TS. Main stages of evolutionary transformations of TS.
3. Law of increasing ideality. A notion of ideal TS. Primary stages leading to ideal TS. Application of the law of increasing ideality in engineering practice.
4. The law of the unity of contradictions and the methods for solving contradiction. Dialectical essence of contradictions. Types of contradictions and main principals for their solution. Application of the law of the unity of contradictions in engineering practice.
5. Substance and field resources. Exposure and utilization of substance and field resources.
6. Analysis of problem situation. Types of problems and level of their formulation. Testing a problem for falsity. Testing a problem for an ability to take care of itself. Searching for root cause of the problem.

7. Algorithm for selection of inventive problems – AVIZ. Primary principles of problems' formulation.
8. Workshop – analysis of the problem situation and problem solving.
9. Summary.

All attendees receive study materials. The seminar will offer English translation with a minimum of 5 English speaking attendees.

Seminar fee - \$200.00 for members of MATRIZ, \$250.00 for nonmembers, plus \$500.00 translation fee.

Send request for participation to the Organizational Committee [nktriz@aesd.spb.ru](mailto:nktriz@aesd.spb.ru)

### *Participation in the International exhibition “Green Week”*

The International exhibition “Green Week” has taken place at Berlin from January 21 to January 31, 2005. This traditional European agricultural exhibition is the 70-th one.

INTEKO Corporation was the main sponsor of Russian delegation which has presented two stands “TRIZ – tasks solving” and “TRIZ – education” for the visitors. The specialists on inventive tasks solving theory A.A. Gin, S.A. Faer, P.I. Chuksin and I.Yu. Andrzheevskaya presented the stand reports and answered the questions.

As a handout, the sets of 20 cards with creative educational tasks and German, English and French translation of the book “Story Tasks from Potryaskin Cat” were prepared for visitors.

Among the mass media contacts there was the interview for Russian “Teacher Newspaper” given by Vice-president of INTEKO Viktor N. Baturin and the Head of LOT “Universal Solver” Anatoliy A. Gin.

### **III. Date-line**

Editor – V. Timokhov, the member of the Presidium and the vice-president of MATRIZ.  
[tim@trizland.ru](mailto:tim@trizland.ru)

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 on May 15, 2005.

### **How to subscribe**

Archive of dispatches and management of a subscription at

<http://matriz.ru>

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