



TRIZfest-2009

Report on MATRIZ Conference and Congress

1. TRIZfest-2009.

Over 100 TRIZ specialists from 14 countries participated in *TRIZfest-2009*, which took place July 25-29 2009 in Saint Petersburg, Russia. The participants delivered over 50 papers in English and Russian. Both languages were served with synchronous translation.



2. The “Round table” and the seminars.

On 25th July J. Murashkovsky conducted a seminar on “Methodological aspects of research in TRIZ”. On July 26th O. Gerasimov lead an educational seminar “Introduction to methodology for

designing innovations – “G3-ID

The Head of the Department of Innovatiks of the St. Petersburg Polytechnic University L. Chechurin lead a “Round Table” discussion on “TRIZ in Universities” on July 27th.

3. TRIZ-Summit 2009.

A closed meeting of TRIZ Developers’ Summit took place July 26th with the main topic “Development of new generation of ARIZ”.

The outcome of the meeting was the establishment of the requirements for a number of algorithms:

- ARIZ-2010 – eliminates shortcomings of ARIZ-85C;
- Algorithm of improvement of technical systems (ASTS-2010) – incorporates selection of an object and goals of improvement;
- Algorithm of improvement of technical systems (ASTS-2010) – is designed to problems in technical systems, as well as in other fields of human activities.

The topic for TRIZ-Summit-2010 will be determined by September 9th. All those, who would like to participate in this Summit, are invited to send their articles on this topic

You may review information on TRIZ-Summit-2009 on <http://triz-summit.ru/en/section.php?docId=4577>

4. The Conference *TRIZfest-2009*.

Over 100 hundred of TRIZ specialists from 14 countries participated in *TRIZfest-2009*, July 27, 28.

MATRIZ President Mark Barkan delivered welcoming address. Then, the patriarch of world TRIZ movement, V. V. Mitrofanov, offered his remarks. Martha Gardner, a Global Quality Leader at GE Global Research, delivered a key-note address. She talked about TRIZ at General Electric.

All of the papers, presented at the Conference, were divided between three sections. Conference participants voted for the best papers as follows:

Section 1 – Application of TRIZ in design for innovation

S. Litvin – a Practical application of TRIZ: from Idea to Real Product (11% of the vote)

A. Kynin, V. Lenyashin, N. Feygenson – How to select parameters for definition of system's development along "life line". (7%)

S. Ikovenko – Application of TRIZ tools for patent strategies. (7 %)

A. Lyubomirskiy – Increase of concordance in outward appearance. (7 %)

Section 2. Development of TRIZ as a science.

M. Rubin – On new generation of ARIZ: Об АРИЗ нового поколения: multifaceted cycle of overcoming contradictions. On universal system of standards for inventive problem solving. (7 %)

J. Murashkovskiy – ARIZ-85C, part 8, version 2. 2 (7 %)

A. Efimov – 1) The alternative approaches to designing ARIZ of new generation. Should TRIZ retain a little bit of creativity. 2) The suggestions for the development of unified system of Trends-Standards-Principles. (7 %).

Section 3 – TRIZ education.

M. Gafitulin, I. Ivanov, Keum-YoungChang, Yong-WonSong, Seung-HyunKang. Pilot TRIZ-Project in the Republic of Korea: Experience and Perspectives for TRIZ-Consulting for small and medium businesses in Korea. (14% - the most popular report at the Conference)

R. Granovskaya – Announcement (7 %)

N. Rubina – Talent scale. Шкала для талантов. Diagnostic of the development of creative thought process. (4 %)

M. Stepanchikova – Improving formats of pedagogic testing. (4 %)

5. Session of MATRIZ Dissertation Council.

5. 1. The session of MATRIZ Dissertation Council took place on the morning of July 29th. It was attended by 50 representatives of various public TRIZ organizations.

5. 2. The members of MATRIZ Dissertation Council TIZ Masters: M. Gafitulin, A. Guin, S. Gubanov, A. Kislov, A. Kudryavtsev, S. Litvin (Chairman), A. Lyubomirskiy, J. Murashkovskiy, V. Petrov, M. Rubin (Academic secretary), N. Shpakovsky, S. Ikovenko

5. 3. The members of counting board: M. Gafitulin (Chairman), A. Kudryavtsev, S. Ikovenko.

5. 4. The Dissertation Council considered the following theses:

- **I. Devoino** – "Expansion of technical systems", advisor S. Litvin, opponent A. Lyubomirskiy.

- **A. Kashkarov** – "Su-field transformations within a technical system. A methodology for construct and analysis of models", advisor Y. Fedosov, opponent V. Petrov.

- **Y. Danilovskiy** – “Models of spiral evolution of technology in forecasting”, advisor A. Kudryavtsev, opponent M. Gafitulin.

5. 5. Based on a request from Dissertation Council MATRIZ Presidium discussed possible change in certification requirements. It was suggested to reduce the required number of “YES” votes from $\frac{3}{4}$ to $\frac{2}{3}$. MATRIZ President, M. Barkan offered to call a special meeting of Presidium to discuss this issue. Upon brief discussion, MATRIZ Presidium voted to confirm this change with retroactive power. Please see the protocol of MATRIZ Presidium’s special meeting.

For more details see <http://www.matriz.ru>

6. The 6th Congress of MATRIZ.

The 6th Congress of MATRIZ took place on July 29th, 2009 in the afternoon. Upon hearing reports by MATRIZ Presidium members, the Chairman of Auditing Committee, and MATRIZ President, the authorized representatives of regional TRIZ organizations voted to approve the reports.

The Congress elected new MATRIZ Presidium consisting of: M. Barkan, USA (President), A. Kudryavtsev, Russia, S. Litvin, USA, Amir Roggel, Israel, I. Sigalovsky, USA, L. Chechurin, Russia, S. Ikovenko, USA, Shinsuke Kurosawa, Japan, and Yong Won Song, South Korea.

The official information on the Congress is forthcoming and may be reviewed at <http://www.matriz.ru>.

7. During the Conference.

Anatoly Kozlov, of Siberian Federal University, celebrated his 60th birthday. Anatoly received many heartfelt wishes and a few presents. Please click on links below to view the Conference in pictures.

<http://fotki.yandex.ru/users/natasha-rubina/album/72545/slideshow/>
http://picasaweb.google.ru/ceprou4/TRIZfest_09?authkey=Gv1sRgCPCJ4tDDxre9jwE&feat=email#
<http://picasaweb.google.com/Philoluch/TRIZFest2009?feat=email#>

We want to the Organizing Committee and all participants of TRIZfest-2009 for their devotion and hard work.

MATRIZ Presidium