



Call for Papers to and Instructions for Submitting the Final Manuscripts for The Fifth TRIZ Symposium in Japan, 2009

To be Held by the Non-Profit Organization Japan TRIZ Society

on September 10 (Thu.) - 12 (Sat.), 2009
at National Women's Education Center, Japan (NVEC),
Ranzan-machi, Hiki-gun, Saitama Prefecture, Japan

February 23, 2009 [Rev. Apr. 6, 2009]

[Updated: Jun. 12, 2009]

Toru Nakagawa (Osaka Gakuin University)
Program Chairperson

For the purpose of open presentations, discussions, and communications on the creativity & innovation methodology TRIZ and related topics, the Non-Profit Organization Japan TRIZ Society is going to hold 'The Fifth TRIZ Symposium in Japan, 2009'. You are very welcome to contribute your presentations to the Symposium, an internationally evaluated TRIZ event held annually in Japan. We wish you to apply for contributions in accordance with the guidelines shown below:

[Note: Please pay special notices to the parts written in blue fonts; they are modified from the way we did in our last-year Symposium.]

[**: Minor revision on Apr. 6, 2009. Plan of Proceedings, etc.]

As the result of Call for Papers, we have accepted (besides the 3 invited papers) 41 contributed papers (including 28 from Japan and 13 from overseas). Under the current severe economic recession worldwide, we are very happy to accept these high-level papers, in spite of the slight decrease in number from last year, where we had 49 contributed papers (including 35 from Japan and 14 from overseas). We are working hard to make the coming Symposium ever more fruitful for all the presenters and participants. Since such work is done on a voluntary basis by the organizers and JTS members, we would like to ask you for your tolerance and for your cooperation.

This document describes the instructions for the Authors to submit their final manuscripts for presentation (Note: The parts inserted/revised at the present stage are shown in red). Please submit your final manuscripts and prepare for your presentation in accordance with the present instructions. [Jun. 12, 2009]

1. Outline of the Fifth TRIZ Symposium in Japan, 2009

Date: September 10th (Thursday) through September 12th, 2009 (Saturday) (3 days)
Starting at 10:00 on Sept. 10 and closing at 16:10 on Sept. 12.

Location: National Women's Education Center, Japan (NVEC),
728 Sugaya, Ranzan-machi, Hiki-gun, Saitama, 355-0292, Japan
A national center for conference and training with accommodation,
having a large campus located in the north-western suburbs of Tokyo.
About 2 hours from Tokyo station.
(12 minutes walk from Musashi-Ranzan station of Tobu Tojo Line,
where you can get in 60 minutes from Ikebukuro station in Tokyo.)
Web site in English: <http://www.nwec.jp/en/>

Held by: The Non-Profit Organization Japan TRIZ Society
(Chairperson: Toshihiro Hayashi (T. Hayashi Professional Engineer Office))
Web site: <http://www.triz-japan.org/>

Please also see the official pages located inside the "TRIZ Home Page in Japan":
<http://www.osaka-gu.ac.jp/php/nakagawa/TRIZ/eTRIZ/> (Jun. 12, 2009)

Purposes:

- To provide an opportunity for openly presenting, discussing, and communicating on TRIZ, a methodology for creative problem solving and innovation, and its related areas.
- To encourage the improvement of the TRIZ methodology itself and to enhance penetration, promotion and application of TRIZ.
- To provide opportunities for making personal relationships among the people interested in and working with TRIZ in Japan and in the World, and to encourage the understanding and penetration of TRIZ.

Aims:

- To openly call for contributions of presentations and participation not only from Japan but also from all over the world, so as to make the Symposium an open conference.
- To help establish deeper and wider understanding of TRIZ and promote real use of TRIZ in industries and in academia.
- A Symposium primarily Japanese national and partially (but as much as possible) international.
- To hold the General Assembly Meeting of Japan TRIZ Society within the Symposium period.

Main themes: "Towards A New Creative Era with TRIZ!" (Apr. 6, 2009)

- Studies for furthering the TRIZ methodology and case studies of applying TRIZ to real problems in industries, in academia, etc.
- How to apply and promote TRIZ, especially in wider perspectives of technological development and innovation
- Current situations and future of TRIZ promotion in Japan, in Asia, and in the World.

Official languages: Japanese and English

- For all oral presentations in the plenary and international sessions, slides are projected on

two screens in parallel, one in Japanese and the other in English. (Translation of slides from English to Japanese will be serviced by the members of Japan TRIZ Society.)

(Note that there can be some parallel domestic sessions where slides are projected only in Japanese.) [This year we are going to make all the oral session 'international'.]

- Interpreter services will not be provided for the oral presentations themselves but will be given during the official discussions in the plenary/international sessions.
- Extended Abstracts and Proceedings will be published in the two languages:
 - Proceedings (Hard Copy): Extended Abstracts and Presentation slides/Papers:
 - Edition for Japanese participants: in Japanese or in English
 - Edition for overseas participants: in English (some in Japanese)
 - Web posting (some time after the Symposium):
 - All the documents written in English and in Japanese
(Will be posted either publicly or in a way closed to JTS members.)

[Note: CD-R version of Proceedings was considered but not adopted. (Apr. 6 2009)]

Styles of presentation of contributed papers:

(a) Oral presentation:

Time length: 30 minutes of presentation + 10 minutes of discussion

Tracks: ~~either single track or~~ double tracks

(b) Poster presentation:

Several poster presentations are given in parallel at corners of a hall, with the intention of interactive presentation and discussion with relatively smaller number of participants.

Posters will be displayed during the whole Symposium period.

In a prior session of 'Introduction to Posters', every Author makes 3 minutes talk.

Introduction slides (2 to 4 slides) will be projected both in English and in Japanese.

Each Poster Session will last about 60-70 minutes.

Note: Keynote lectures, Invited talks, Tutorials, Group discussions, etc. are under preparation separately. They will be announced in our Web site whenever they are ready.

[Keynote Speakers: Boris Zlotin (USA) and Darrell Mann (UK). (Apr. 6, 2009)]

[Tutorial: Yojiro Fukushima (Panasonic). Group discussions are planned. (Jun. 12)]

2. Themes of Papers to Be Called (for Both Oral and Poster Presentations)

- **Themes:** Original works of research and/or practice along the aims of the Symposium as described above.

The scope of topics in the Symposium covers the keywords listed in the table shown below.

Especially, presentations based on case studies of real applications and promotion practices are welcome.

methods	purposes of application	areas of application	situations
TRIZ, Extensions of TRIZ, Creativity methods, Idea generation methods,	Technology forecasting, Market forecasting, Problem extraction, Planning & development	Technology in general, mechanical, electrical &	University education, Engineer training, Popularity and

Problem extraction methods, Problem solving methods, Technology forecasting methods, Innovation methods and activities, Technology management, Knowledge management, R&D methodologies, Generation/analysis of patents, Technology implementation methods, Software tools for problem solving, Unique methodologies in Japan, etc.	of new products, Solving technical problems, Generating new technical concepts, Quality improvement, Cost reduction, Term reduction, Generating/enhancing patents, Generation of new business models, Examining various methods, Creativity teaching and training, etc.	electronics, systems, software, materials, chemical, biological, etc. Business & management, Social problems, Everyday problems, etc.	wider penetration, Application trials, Group activities, Real applications, Promotion organization, Promotion activities, Manager education, Penetration into SMEs, Children and school education, etc.
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3. Procedures for Application to Contributed Papers (for Both Oral and Poster Presentations)

3.1 Forms to be submitted for the application

Please send us the following Forms A and B via email:

0. Email Message: State your intention of application to a presentation, and attach the following 2 files.

A. Application Form: in Form A. A template of this form is posted in our Web site.

Title of the paper, Author(s), Affiliation(s), Address of the speaker,
 Preference of presentation style (either Oral only, Oral preferable,
 Poster preferable, or Poster only),
 Statements on copyrights issues,
 Brief profile of the speaker

**B. Extended Abstract: in Form B. To be attached as a file in MS Word 97-2003.
 A template of this form is posted in our Web site.**

Title of the paper, Author(s), Affiliation(s),
 Abstract of about 100-150 words,
 Extended description (some more explanation, possibly with figures and tables),
 Max one page of 2 columns in A4 size.

Note: The top part (including Title, Author(s), Affiliation(s), and Abstract) will be published in the Advanced Abstracts, while the bottom part (including extended description) will be used for reviewing purposes only without publishing them in the Advanced Abstracts.
 The whole page will be published in the Proceedings at the Symposium.

3.2 On the Copyrights of the presentation: [Please read this part again. (Jun. 12, 2009)]

- **Prerequisites:** The authors must ensure that the contents of their presentations do not breach the copyrights of any other party and that their public presentations are approved by their affiliate (or any other relevant) organizations.
- **Date of publication:** Official date of publication of the presentations is Sept. 10, 2009.
- **Copyrights of the presentation materials:**
Copyrights of the presentation materials belong to the authors.
Thus, after the Symposium, the authors may contribute or publish them in any other places which they think appropriate.
- **Transfer of Copyrights to Japan TRIZ Society:**
The authors must agree to give non-exclusive rights on the following items to Japan TRIZ Society:
 - To print the presentation materials in hard copies as the Proceedings of the Symposium and hand them out to the participants of the Symposium.
 - To sell/distribute the copies of the Proceedings of the Symposium, either in the hard copy or in the digital media, afterwards.
 - To post the presentation materials, either publicly or in some closed manner at the Web sites which are decided appropriate by Japan TRIZ Society.
 - To take snapshot photos of you at the presentation and to show them in publications, postings, pamphlets, etc. which Japan TRIZ Society has decided appropriate.

[Note: Taking photos/videos of the projected slides (except by the specified Organizing staff) is forbidden. Recording of the talks is also forbidden. This regulation is decided to keep the free atmosphere of presentation by the Authors.] [Jun. 12, 2009]

3.3 Submission of application of presentation

- **Address to submit:** Send your email to: sympo@triz-japan.org
- **Way of submission:** via Email with the attachment of Form A and Form B
Forms A and B should be made with MS Word 97-2003.
- **Due date:** **May 18, 2009 (Monday) 18:00 JST.** **[Extended till May 27 (Wed) 24:00]**

Note: Even though the regular call has already been closed, we may accept a very limited number of contributions under the following conditions:

- (a) A complete set of Submission Forms is received by Jun. 30 (or at latest by Jul. 13).
- (b) The final manuscripts are to be submitted by July 27 (Mon.).
- (c) Presentation will be done mostly either in a Poster Session or in a Group Discussion (and in exceptional cases in an Oral Session), as arranged by the Program Committee.
- (d) In case of a Group Discussion, the Author will be requested to submit a one-page Position Paper (in the Form B, i.e. the same as the Extended Abstract). The Position Paper will be published in the Proceedings. Additional slides, manuscripts, etc. may be shown or handed to the participants on Author's own responsibility.
- (e) Since we have a very limited capacity, we may able to accept only a limited number of

papers.
(f) Please allow us to reply decisively either on Jul. 2 (or on Jul. 15).

[Jun. 12, 2009]

4. Decision of the Agenda and Notification to the Authors:

- **Decision of the agenda:**
 - The acceptance/rejection of applications and the agenda of the Symposium will be decided by the Program Committee and the Management Meeting of the Japan TRIZ Society during late May to early June.
 - Presentation style of each paper, i.e. either Oral or Poster presentation, will be decided by the Program Committee with taking account of the author's preference expressed in the application. Our decision could be different from your first choice; even in such a case we would like to ask you for your tolerant acceptance.
 - There can be exceptional cases where we cannot accept an application in our Symposium, due to out-of-scope, outside our purposes, etc. **In case we receive an excessively large number of applications, we will have an option of limiting the number of presentations for the sake of smooth operation of the Symposium.**

- **Notification to the authors:**
 - **The authors will be replied via email by the Program Committee in about 3 days on receiving the application email. If you do not receive such a reply message in 3 days, please send us your application again.**
 - **Around June 12, 2009**, the authors will be notified about the acceptance/rejection of their papers and about the Advanced Agenda of the Symposium.
 - Authors whose applications are accepted should prepare for the presentation by following the procedure outlined below.

- **Announcement of the Symposium Agenda:**
 - **Around June 12, 2009**, the Advanced Agenda of the Symposium will be posted in the Official Web site of Japan TRIZ Society (and also in "TRIZ Home Page in Japan"), and Call for Participation will be started at the same time. These postings will be made in English and in Japanese at the same time.
 - Title, Author(s), Affiliation(s), and Abstract for each accepted paper will be announced at this stage. (The part of extended description will not be disclosed at this stage.)

5. Plans of Presentation Styles and Proceedings Publication (Remarks for your preparation of final manuscripts)

Please refer to the "Table of Items of Manuscripts, Presentations, and Proceedings".

5.1 Ways of Oral Presentations

- Presentation should be made in English in your case, while in Japanese by authors from Japan.
- No simultaneous/sequential interpreter services will be provided for presentation, whereas sequential interpreter services will be given for official discussions in both directions between English and Japanese (in the plenary and international sessions). (No interpreter services are available in the parallel domestic sessions.)

- (In the plenary and international sessions) the slides in the original language will be projected in the main screen while the translated slides in the side screen at the same time. The speaker operates the PC for the main screen, while a staff member operates the second PC for the side screen following the author's operation.
- Please talk for 30 minutes and leave 10 minutes for discussions.

5.2 Ways of Poster Presentations

(a) Posting the Poster Slides on the first-day morning

- Two big sheets of paper (size 728 mm (W) x 1091 mm (H)) will be provided for each presenter.
- If you want to post your Poster slides both in English and in Japanese, you will be given 4 big sheets of paper.
- **On these big sheets you should paste the printed Poster slides which you bring in with you.** If the prints are of B4 (or A4) in size, you can post 8 slides on each big sheet. Please make the slides with letters large enough to read at about 3 m of distance.
- Post the big sheets side by side on the wall or on mobile boards at the place specified by the Symposium staff.
- In the first-day morning, you should work for posting the Poster slides for yourself. Stationary such as the big sheets of paper, adhesive tapes, and marker pens will be provided by the Symposium Office.
- The posters will be kept posted during the whole Symposium period.

(b) Short Presentation at the Session of "Introduction to Posters"

- Prior to each Poster Session, we are going to have a brief Session of "Introduction to Posters" as a plenary session.
- You should introduce your Poster presentation briefly within 3 minutes (about 20 minutes in total).
- In this introduction, you may use 2 to 4 slides only. These slides will be projected in English and in Japanese translation in parallel.

(c) Presentation and discussion during the Poster Session

- You should explain your Poster at the specified place in a hall. Several Poster presentations will be given in parallel.
- Every participant will visit several Poster presentations of his/her choice one after another.
- Duration of a Poster Session will be about 60-70 minutes. The first round of presentation and discussion will be quitted in 20 minutes for all the Poster presentations at the same time, and then the second round will be started with different visitors. After that, the presentations and discussions will be carried out interactively without any time regulation. [\(Details of operation like this may be revised and noticed later.\)](#)
- Poster presentations are suitable for intensive and interactive presentations and discussions with relatively smaller number of participants.

5.3 Proceedings (Hard copy) and Web Posting

Proceedings (Hard copy) will be handed out during the Symposium and Web posting will be done after the Symposium, as follows. [Note that the CD-R version of Proceedings will not be published this year.] (Apr. 6, 2009)

Media	Timing	Contents	Language Editions	Distribution
(1) Hard copy	Symposium	Extended Abstracts and Presentation slides/papers	English edition (for overseas participants) and Japanese edition (for Japanese)	Hand out to the participants
(2) Web site	some time after the Symposium	All the documents (or part of them)	English pages and Japanese pages	Either publicly or in a closed way (e.g., JTS members only)

Please refer the details of the items to be published/posted to 'Table of Items of Manuscripts, Presentations, and Proceedings' attached as a separate sheet (Rev. Apr. 6, 2009).

5.4 On the translation work of slides

- Japanese authors are requested to submit final manuscripts of slides and (optional) paper in Japanese and are encouraged to translate their slides into English for themselves.
For the Oral presentations in the plenary/international sessions, the English translation of the whole slides will be supported by the Japan TRIZ Society members on the request by the authors.
For the Oral presentations in the domestic sessions and for the Poster presentations, such support of English translation by the JTS members will not be given, except for the Poster introduction slides.
- Authors from Overseas are requested to submit the final manuscripts of slides and (optional) paper in English.
For Oral presentations, the translation work from English into Japanese will be carried out by the Japan TRIZ Society members for all the slides.
For Poster presentations, the translation service will be provided to the Poster introduction slides (i.e., 2-4 slides) only.

6. Submission of Final Manuscripts

After the announcement of the Advanced Agenda of the Symposium around June 12, authors are requested to submit their final manuscripts of their presentations according to the following guidelines.

Notice that all the manuscripts submitted will be published in either Proceedings or Web postings as described in 5.3.

(Details will be noticed again around June 12 to the authors, with possible minor revisions.)

6.1 Final Manuscripts to be submitted (Oral Presentation by Overseas Authors)

0. Email Message (requested): State that you are sending us the requested/optional documents attached to the email.

A. Submission Form (requested): in the Form A2, with MS Word 97-2003.
(A template of this form will be posted in our Web site.)

Title of the paper, Author(s), Affiliation(s), Address of the speaker,
Presentation style and Presentation No. in the Agenda,
[Statements of copyrights transfer](#),
List of files attached.

B. Extended Abstract (requested): in Form B, in 1 page, with MS Word 97-2003.

(A template of this form is posted in our Web site.)

Title of the paper, Author(s), Affiliation(s),
Abstract of about 100-150 words,
Extended description (possibly with figures and tables),
One page in 2 columns in A4 size.

C. Slides (requested): no format specified. Max 32 slides, with MS PowerPoint 97-2003.

These slides in English will be projected in parallel with their Japanese translation version.

D. Full Paper (optional): in Format D, max 10 pages, with MS Word 97-2003.

(A template of this form is posted in our Web site.)

Max 10 pages, in 2 columns in A4 size.

6.2 Final Manuscripts to be submitted (Poster Presentations by Overseas Authors)

0. Email Message (requested): State that you are sending us the requested/optional documents attached to the email.

A. Submission Form (requested): in the Form A3, with MS Word 97-2003.

(A template of this form will be posted in our Web site.)

Title of the paper, Author(s), Affiliation(s), Address of the speaker,
Presentation style and Presentation No. in the Agenda,
[Statements of copyrights transfer](#),
List of files attached.

B. Extended Abstract (requested): in Form B, 1 page, with MS Word 97-2003.

(A template of this form is posted in our Web site.)

Title of the paper, Author(s), Affiliation(s),
Abstract of about 100-150 words,
Extended description (possibly with figures and tables),
One page of 2 columns in A4 size.

C. Slides (requested): no format specified. Max 16 slides, with MS PowerPoint 97-2003.

Prints of these slides should be posted as explained in Section 5.2(a).

C2. Slides for Introduction (requested): no format specified. 2 to 4 slides.

Projected in English and in Japanese translation during 'Introduction to Posters' Session. See Section 5.2(b).

These may be either selected from the 16 slides or made with rearrangements.

D. Full Paper (optional): in Format D, max 10 pages, with MS Word 97-2003.

(A template of this form is posted in our Web site.)

Max 10 pages of 2 columns in A4 size.

6.3 Procedure of Submitting the Final Manuscripts

- **Submission:** Send all the Final Manuscripts files via email.

In case the total volume of the files exceeds 2 MB:

Send via email: Submission form (A2/A3) and Extended Abstract (B),

Send via a Web file-transfer service: Slides (C) and Paper (D), etc.

Details will be noticed later.

Please use "YouSendIt" See: <http://www.yousendit.com/cms/how>

[Jun. 12, 2009]

- **Sending address:** Send your email to: sympo@triz-japan.org
- **Due Date:** July 27, 2008 (Monday) 18:00 JST
- **Special Request:**

After receiving your final manuscripts, the Symposium Office must carry out a hard work of language translation of your slides and editing the Proceedings, etc. in a very short period during the summer vacation season. Hence we would sincerely ask you for your cooperation in submitting your final manuscripts earlier and no later than the due date.
- **Registration of participation:**

Due date: July 17, 2009 (Friday) 18:00 JST for Presenters
(Applicable of early registration discount)
- **Notice:** In the following cases, the Program Committee has the option of judging that the presentation is cancelled by the author and of deleting the presentation from the Agenda and from the Proceedings.
 - ◇ In case that the Final Manuscripts were not submitted by the due date,
 - ◇ In case that the Registration to the Symposium was not made by the due date,
 - ◇ In case that it has become decisively clear that the presenter (and other coauthors) is not attending at and not personally presenting the paper in the Symposium.
- **Special remarks on the preparation of your slides:** [Jun. 12, 2009]
 - Please use larger fonts and do not pack too many texts in your slides.
 - In printing our Proceedings, we use monochrome and white background options. Thus please make your slides clearly visible under this printing condition. Please print our your slides beforehand in this condition and check them. If you use some dark background in the slides, please submit us a PDF file made in the specified options.
 - Please make your slides illustrative and comprehensive, even for some Japanese people who might not good at hearing English and are trying to understand you mostly through your slides translated into Japanese.

7. Handling Slides and Posters in the Presentation at the Symposium

7.1 Oral Presentation:

- The Symposium Office will make two PCs available for each presentation room, one for the English slide projection and the other for the Japanese slide projection.
(Windows XP/Vista and MS PowerPoint 2003/2007 installed.)
- If you need to use any special software (say for demonstrating videos and software tools), please bring in and use your own PC. In such a case, the special part of your presentation may not be projected in Japanese translation.
- The PowerPoint file for your presentation should be brought in e.g. with a USB memory. In the morning of your presentation day, please install your file in the PC of the Symposium Office.
For making things sure, your slides submitted as the Final Manuscripts will be set available in the Symposium PC.
- It will be allowed that a limited number of slides additional to the ones submitted as the Final Manuscripts are shown in the presentation. This is regarded as rather an exceptional case, in order to keep the open nature of the Symposium.
(Please note that all the materials submitted as the Final Manuscripts are to be printed/recorded in the Proceedings.)

7.2 Poster Presentation:

(a) Brief presentation at the Poster Introduction Session

- The Symposium Office will make two PCs available for the session, one for the English slide projection and the other for the Japanese slide projection.
(Windows XP/Vista and MS PowerPoint 2003/2007 installed.)
- The 2 to 4 introduction slides submitted as a part of the Final Manuscripts will be used in the Poster Introduction Session. The Symposium Office will make these slides ready for smooth projection. No new installation of the Introduction Slide file will be accepted for avoiding confusion and loss of the Session time.

(b) Printed slides for Poster presentation:

- **Prints of the slides to be posted as the Poster must be brought in by the author on the first day of the Symposium.**
- Slight difference of these slides from those for the Proceedings may be allowed.
- See Section 5.2 concerning to the preparation of the printed slides and to the posting work.

8. Organization for Preparing the Symposium

Japan TRIZ Society: Chairperson: Toshihiro Hayashi (T. Hayashi Professional Engineer Office)
Planning Committee: Shinsuke Kurosawa (Sanno Institute of Management)

The Fifth TRIZ Symposium:

General Organizer: Yuji Mihara (Creativity Engineering Institute)
Secretary: Masatoshi Hotta (Sozo Kaihatsu Initiative)
Program Chairperson: Toru Nakagawa (Osaka Gakuin Univ.)
Program Vice Chairperson: Yoshihisa Konishi ()
Program Committee: Kazuyasu Ikeda (Sekisui Engineering Co.)
Tateki Oka (Konica-Minolta Business Technologies)
Yojiro Fukushima (Panasonic Corp.)
Toru Shonai (Hitachi)

Care Taker of Overseas Participants: Toru Nakagawa (OGU)

Toru Shonai (Hitachi)

Access points for Call for Papers of the Symposium:

On general information and participation: info@triz-japan.org
On presentation: sympo@triz-japan.org