



Advanced Agenda

Sept. 1, 2008 Program Committee (TN & YK)

The Fourth TRIZ Symposium in Japan, 2008

Held by: The Japan TRIZ Society, NPO

Date: September 10, 2008 (Wed.) - September 12, 2008 (Fri.)

Place: Laforet Biwako, Moriyama City, Shiga Prefecture, Japan

Main Theme: Towards Further Deployment and Penetration of TRIZ

(Third announcement version)

Note (1) Please note any minor change in the agenda on the spot.

(2) Languages for presentation: J: Japanese, JE: Japanese with English slides also,

EJ: English with Japanese slides also, E: English.

(3) In the "Abstracts", papers are arranged in the order of Accept No. (i.e., I01, #01, etc.), while in the "Proceedings" they are arranged in the order of presentation shown in this Agenda.

First Day (Sept. 10, 2008), Wednesday

Time (duration)	Style	Room, Chair	Item, Accept #, Language	Author(s), (Affiliation)	Title of Presentation
9:30 -			Registration	(for Preliminary Session)	
10:00- (120min)	Prelimin ary Session (Double)	Main R. Okuzumi	Tutorial 1 I04 J	Masatoshi Hotta (Sozo Kaihatsu Initiative Co., Ltd.)	Introduction to Systematic Innovation: For the First Step to Real Use of TRIZ
		Sub R. Kurosawa	Introductory Discussion E (J)	Coordinator: KUROSAWA, Shinsuke (The SANNO Institute of Management)	"Learn about TRIZ from Each Other"

12:10 -			Registration	(for Symposium)	
13:00- (20min)	Opening	Main R. Mihara	Opening Address M01 JE	Toshihiro Hayashi (Chairperson of the Board, Japan TRIZ Society)	On Holding The Fourth TRIZ Symposium in Japan
13:20- (60min)	Invited	Main R Hayashi	Keynote Lecture 1 I02 EJ	Amir Roggel (Intel, Israel)	Can TRIZ Work for a Large, Innovative Semiconductor Company? Intel's Learning
14:20- (20)	Break				
14:40- (40min)	Double	Main R. Nakahata	Oral 1 #10 JE	Taichiro Miyanishi (2nd Grader, Kenroku Junior High School /Son), Katsuya Miyanishi (/Father)	Why Water Striders can stand and slide on the Water?: A Summer Homework by Son and Father with TRIZ
		Sub R. Hayashi	Oral 2 #02 EJ	Paul Devaraj; Si, Wai Chiang (Intel, Malaysia)	Test Pogo Pins (Gold Pins) Reuse Program
15:20- (5)	Break				

15:25- (40min)	Double	Main R. Nakahata	Oral 3 #01 J	Yoshiharu Isaka (IDEA Ltd.)	TRIZ Improves the Levels of Problem Solving —For Understanding the Effectiveness of TRIZ
		Sub R. Hayashi	Oral 4 #45 JE	Toru Nakagawa (Osaka Gakuin University)	Extension of USIT in Japan – A New Paradigm for Creative Problem Solving –
16:05- (15)	Break				
16:20- (40min)	Double	Main R. Mizuno	Oral 5 #08 JE	Hiroshi Kanno (Tohoku RICOH Co., Ltd.)	Usage of TRIZ and USIT in Developing a Novel Duplex Printing Machine
		Sub R. Masaki	Oral 6 #35 EJ	Paul Filmore (University of Plymouth, UK)	A Comparison of the Problem Solving and Creativity Potential Shown in Engineers using TRIZ or Lean/ 6 Sigma
17:00- (5)	Break				
17:05- (40min)	Double	Main R. Mizuno	Oral 7 #19 J	Tomohiko Katagiri, Toshiaki Tsuchizawa, and Takeshi Yamanouchi (Koganei Co., Ltd.)	Case Study of Introducing and Applying TRIZ to Real Projects for Obtaining Results (= Benefits): Innovating the Product Development Process by use of QFD, TRIZ, and TM together
		Sub R. Masaki	Oral 8 #12 EJ	James Todhunter (Invention Machine Corporation., USA), Kiyoshi Shikakura (Invention Machine Japan)	Advances in the Application of Computational Linguistics for TRIZ Practice
17:45- (25)	Break				
18:10- (120min)		Bowl room Mihara & Kurosawa J, E		Buffet Dinner & Communication	(buffet-style, free communication)

20:10 End (10 min)

20:20- (60min)		Nakagawa	Relaxing time E(J)	Catherine Thom (UK)	Classical Guitar Concert (Unofficial event)
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21:20 End

Second Day (Sept. 11, 2008), Thursday

8:30 -			Registration	(for symposium)	
9:00- (40min)	Meeting	Main R. Hayashi	Meeting J	Japan TRIZ Society General Assembly Meeting	[Members only]
9:40- (20)	Break				
10:00- (40min)	Invited	Main R. Hotta	Invited Talk 1 #103 JE	Yojiro Fukushima (Matsushita Electric Industrial Co., Ltd.)	TRIZ activity in Corporate R&D Division —Application to system, method, and software technology —
10:40- (25min)	Single	Main R. Ikeda	Introduction to Posters A JE, EJ	All the Presenters of Poster Session A	Introduction to Poster papers A
11:05- (5)	Break			(moving to the rooms for Poster and Demo presentations)	
11:10- (70min)	Posters and Demos A	Poster R.1 Ikeda	Poster A1 #05 J	Shigeru Kasuya (Pro Engineer Institute/Yamaguchi University)	The overview of TRIZ education using 9-Window Method – yesterday, today and tomorrow: The utilities and future perspective of group training, E-learning and correspondence course
		Poster R.2 Zenko	Poster A2 #07 JE	KUROSAWA, Shinsuke (The SANNO Institute of Management)	Contemporary Issues of TRIZ to be a Scientific Method

		Poster R.1 Ikeda	Poster A3 #39 J	Fumiko Kikuchi and Akio Fukushima (Pioneer Corp.)	Introduction to ISW (Idea Search Working) Activities: Learning, Applying and Penetrating TRIZ
		Poster R.2 Zenko	Poster A4 #41 JE	Toru Shonai and Junji Shigeta (Hitachi Co., Ltd.)	IT Trend Analysis by TRIZ Technological forecasting — Using Altshuller's eight patterns of technological evolution—
		Poster R.3 Masaki	Poster A5 #42 J	Business & Management TRIZ Application Sub-Team, Japan TRIZ Society: Ikuo Yoshizwa (The SANNO Institute of Management), Kazumasa Yokoyama (Toshiba Co), Kimihiko Hasegawa (Sano & Associates International Patent Firm), Akira Sato (Funai Zaisan Consultants Co., Ltd.), Shigeru Kuno (NKN Consulting Co., Ltd.), Toshihiko Takeda (Denso Co.), Yasuo Moriya (Fujitsu Advanced Technologies, Ltd.), Takuo Maeda (Takumi System Architects, Ltd.), Teruyuki Kamimura (Willfort International Patent Attorneys), Humiko Kikuchi (Pioneer Co.)	An Application of TRIZ Way of Thinking and Its Tools To Develop a New Business Model
		Poster R.3 Masaki	Poster A6 #46 JE	MPUF (Microsoft Project Users Forum) USIT/TRIZ Study Group: Kouichi Nakamura (SONY Corporation), Etsuo Yamada (MPUF USIT/TRIZ WG), Minoru Takimoto (Fuji Xerox Corporation), Hirofumi Hasaba (MPUF Secretariat), Noritaka Nakayama (Konica Minolta Technology Center, Inc.), Hirotake Makino (Yokogawa Electric Corporation), and Yuji Mihara (Creative Technology Institute Co., Ltd.)	USIT Approach for Compact Umbrella
		Poster R.1 Ikeda	Poster A7 #51 E	Andrew Shi , Alp Lin (IWINT, P. R. China)	(Position Paper) IWINT, Inc. and Its TRIZ Software Tools
12:20- (60min)		Restaurant	Lunch		
13:20- (40min)	Double	Main R. Kataoka	Oral 9 #38 JE	Miyagi TRIZ Study Group: Rikie Ishii (Dunamis Co., Ltd.)	How to Use TRIZ Quickly and Effectively in Small Companies
		Sub R. Unno	Oral 10 #09 EJ	SeHo Cheong, Vasily A. Lenyashin, Alexander T. Kynin, Naum B. Feygenson, YongKwan Lee, Seungheon Han (Samsung Electro-Mechanics Co., Korea)	TRIZ and Innovation Culture at Samsung Electro-Mechanics Company
14:00- (5)	Break				
14:05- (40min)	Double	Main R. Kataoka	Oral 11 #03 J	Masahiro Kuwahara (IDEA Ltd.)	A Concrete Method for Idea Conception from Systems in the Future
		Sub R. Unno	Oral 12 #20 EJ	D. Daniel Sheu, David Lee (National Tsing Hua University, Taiwan)	Computer-aided Problem-solving Assistant for Su-Field Analysis

14:45- (15)	Break				
15:00- (40min)	Double	Main R. Hasegawa	Oral 13 #15 JE	TRIZ Spreading/Use Study Group of Japan VE Association Kansai Branch: Masayuki Ishii (Sumitomo Electric Industries, Ltd.), Nobuhide Matsuda (Matsushita Electric Industrial Co., Ltd), Kazuyasu Ikeda (Sekisui Engineering Co., Ltd), Makoto Unno (Kawasaki Heavy Industries, Ltd)	Study of Development-type TRIZ tool (part 2)
		Sub R. Fukushima	Oral 14 #44 EJ	Tzu-Chang Chen (Taiwan Textile Research Institute, Taiwan)	On Patentability of Inventions Facilitated by TRIZ Methodology
15:40- (5)	Break				
15:45- (40min)	Double	Main R. Hasegawa	Oral 15 #36 J	Creativity Study Group: Hiroto Hayashi (IWEL Co. / Iteq International Co.), Nobuhide Matsuda (Matsushita Electric Industrial Co., Ltd.), Hiroshi Kamijyo (Iteq International Co. / IWEL Co.)	Idea Process using only 12 Principles
		Sub R. Fukushima	Oral 16 #18 JE	Toshio Takahara ()	The General Picture of TRIZ From the Viewpoint of Changing Objects —A Method of Resolving Differences Based on the Concepts of Functions and Process Objects Part 3—
16:25- (15)	Break				
16:40- (25min)	Single	Main R. Ikeda	Introduction to Posters B JE, EJ	All the Presenters of Poster Session B	Introduction to Poster papers B
17:05- (5)	Break			(moving to the rooms for Poster and Demo presentations)	
17:10- (70min)	Posters and Demos B	Poster R.1 Ikeda	Poster B1 #16 E	Nagappan Annamalai, Subramaniam Muthukarappan, Nitin Dhansukhlal (Intel, Malaysia)	Discovery of An Innovative Process Analysis In Preventive Maintenance Optimization
		Poster R.2 Zenko	Poster B2 #27 JE	Hiroyuki Suzuki (Hitachi, Ltd.)	Problems to be solved and Technological Evolution of Magnetic Recording Media
		Poster R.3 Masaki	Poster B3 #28 J	Shuji WAKAIKI, Koichirou ADACHI and Hiroshi KOTAKI (SHARP Corporation)	Practical Application of TRIZ to Novel Electrical Devices Development
		Poster R.1 Ikeda	Poster B4 #29 J, E	USIT Training Seminar Group (IDEA Co.): Tetsuya Sudo (Sekisui House Co.), Hiroshi Sakata (Hitachi Research Laboratory, Hitachi Ltd.), Keiichi Hasegawa (Bridgestone Co.), Katsura Hino, Akira Kato (Kokuyo Furniture Co.) and Toru Nakagawa (Osaka Gakuin Univ.)	USIT Case Study: A Mom's Bicycle Able to Carry Two Children Safely
		Poster R.3 Masaki	Poster B5 #37 J	Creativity Study Group: Hiroshi Kamijyo (Iteq International Co. / IWEL Co.), Nobuhide Matsuda (Matsushita Electric Industrial	Idea Process using only 12 Principles: Function Components Deployment and Find Primary Cause

				Co., Ltd.), Hiroto Hayashi (IWEL Co. / Iteq International Co.)	
		Poster R.2 Zenko	Poster B6 #40 J	Noritaka Nakayama, Takashi Syakuno (Konica Minolta Technology Center, Inc.)	Practices of Applying TRIZ/USIT in Konica Minolta Technology Center, Inc.
		Poster R.2 Zenko	Poster B7 #47 E	Jung Suk Hyun, Chan Jung Park (Cheju National University, Korea)	Function-Oriented Programming Language Education for Secondary School Students Interpreted by ARIZ
18:20-	(20)	Break			
18:40-	(120min)	Bowl room Kurosawa & Mihara	J (E)	Buffet Dinner & Communication	(buffet-style, free communication)

20:40 end (10 min)

20:50-	(60min)	Nakagawa	Relaxing time	Catherine Thom (UK)	Classical Guitar Concert (Unofficial event)
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21:50 end

Third Day (Sept. 12, 2008), Friday

8:30 -			Registration	(for Symposium)	
9:00 -	Invited	Main R. Konishi & Nakagawa	Keynote Lecture 2 I01 EJ	Sergei Ikoenko (GEN3 Partners / MIT, USA)	Directions for Future TRIZ Development and Applications
10:00-	(20)	Break			
10:20-	Single	Main R. Ikeda	Introduction to Posters C JE, EJ	All the Presenters of Poster Session C	Introduction to Poster papers C
10:45-	(5)	Break		(moving to the rooms for Poster and Demo presentations)	
10:50-	Posters and Demos C	Poster R.1 Ikeda	Poster C1 #11 JE	Yuichi Furukawa ()	Snow vs. TRIZ
		Poster R.2 Zenko	Poster C2 #14 J	Kimihiko Hasegawa, Toshimitsu Kataoka, Teruyuki Kamimura, Hiroshi Ueda, Mikio Suzuki, Shigeru Suzuki (Intellectual Property Creation Research Subcommittee, Japan TRIZ Society)	Invention Analysis through the Patent Journal
		Poster R.2 Zenko	Poster C3 #21 J	Yuji Mihara (Creative Technology Institute Co., LTD), Toshimitsu Kataoka (Patbrain Co.,LTD)	From Idea Creation to Patent Acquisition by TRIZ: For Improving the Living Situations Just after the Evacuation from Natural Disaster
		Poster R.1 Ikeda	Poster C4 #22 J	Tateki Oka (Konica Minolta Business Technologies, Inc.)	Applying USIT to Improve the Application Practice of USIT to Technical Development
		Poster R. 3 Masaki	Poster C5 #33 J	Creativity Study Group: Nobuhide Matsuda (Matsushita Electric Industrial Co., Ltd.), Hiroshi Kamijyo (Iteq International Co. & IWEL Co.), Hiroto Hayashi (IWEL Co. & Iteq International Co.)	Creative Problem Solving Process Where We Use Only 12 TRIZ Principles: Generating Ideas and Combining Ideas
		Poster R.3 Masaki	Poster C6 #48 J	Satoshi Okada and Setsuo Arita (Hitachi Ltd.)	Combined Use of the KT Method in Functional Modeling and the TRIZ Method in Idea Generation

		Poster R.1 Ikeda	Poster C7 #50 E	Stephen Wagner (Intel, USA)	Extension of the S Curve Trends: Increasing Completeness for each chemical system component towards inertness
12:00- (60min)		Restaurant		Lunch	
13:00- (40min)	Double	Main R. Zenko	Oral 17 #24 JE	Masao Ishihama (Kanagawa Institute of Technology)	Application of TRIZ to Noise and Vibration Problem Solving – Fusion with Traditional Theoretical and Empirical Approach –
		Sub R. Oka	Oral 1 #04 EJ	Darin Moreira; Goh Cheng Teik; Azir bin Romli (Intel Microelectronics, Malaysia)	RFS Handler Cone Chuck Simplification for effective handling performance
13:40- (5)	Break				
13:45- (40min)	Double	Main R. Zenko	Oral 19 #06 J	Masaya Takemura (The SANNO Institute of Management)	Application of TRIZ to Production and Process Technology
		Sub R. Oka	Oral 20 #43 EJ	Darrell Mann (Systematic Innovation Ltd, UK) [Note: will be presented by Paul Filmore (UK)]	Updating TRIZ: 2006-2007 Patent Research Findings
14:25- (15)	Break				
14:40- (40min)	Double	Main R. Ohta	Oral 21 #23 JE	Mitsuo Morihisa (Current: SKI, Former: Kyoto University), Hiroshi Kawakami, Osamu Katai, Takayuki Shiose (Kyoto University)	Human-Oriented Consideration for the Popularization of TRIZ – From Viewpoints of Symbiotic Systems Theory and Dale Carnegie’s Approach –
		Sub R. Nakagawa	Oral 22 #49 EJ	Wolfgang Sallaberger (congelo, Austria)	Tributes to the Work of Victor Schauburger (Austria 1885-1958) with the Eyes of TRIZ
15:20- (5)	Break				
15:25- (40min)	Double	Main R. Ohta	Oral 23 #25 J	Sachio Matsubara (Niigata University)	The utilization of TRIZ in university education
		Sub R. Nakagawa	Closing Discussion E, J	Coordinator: Toru Nakagawa (Osaka Gakuin Univ.)	[Closing Discussion]
16:05- (5)	Break				
16:10- (10min)	Closing	Main R. Hayashi	Closing Address JE	Yuji Mihara (Vice-Chairperson, Japan TRIZ Society)	On Closing The Fourth TRIZ Symposium in Japan

16:20 End