

The 17th TRIZ Symposium in Japan, 2021

Held by: Japan TRIZ Society, NPO (JTS)

Sponsors: Forum for Innovative Regenerative Medicine, Intellectual Property Association of Japan, Robust Quality Engineering Society
 Supporters: Japanese Society of Applied Statistics, Risk Analysis Research Center (The Institute of Statistical Mathematics),
 The Nikkan Kogyo Shimbun, Union of Japanese Scientists and Engineers, The Japan Society of Mechanical Engineers,
 System Design Society of Japan, Japan Society for Design Engineering, Japan Creativity Society, Society of Japanese Value Engineering,
 Centre for Global MOT Research, Ritsumeikan University



Main Theme: Turn Pinch to Chance with TRIZ!

Agenda

Venue: WEB(ZOOM)

1st day: Sep. 2 (Thu.)

10:00	J01 Koichi Akagi (Mitsubishi Power, Ltd.) JE
	Proposal of how to use TRIZ for work improvement Verification with a large gas turbine
10:30	J02 Koichi Akagi (Mitsubishi Power, Ltd.) JE
	Survey of application of solution tools to manufacturing improvement ideas
11:00	J03 Atsunori Someya (Ritsumeikan University) JE
	Proposal of an approach to innovate maintenance and repair technology utilizing physical contradiction resolution
11:30	J04 Yoshinori Takagi JE
	Triz's 9-screen method 3 screen division and labeling, application example

Lunch Break (50 min.)

12:50	Orientation J(E)
13:00	J101 Opening Address JE Yuji Mihara (Japan TRIZ Society)
13:20	J102 Special Lecture JE Koichi Sumikura (National Graduate Institute for Policy Studies) Open innovation by academia-industry cooperation

Break (10 min.)

14:30	J05 Motoharu Miki (OLYMPUS Corporation) JE
	Promotion of Olympus's Scientific Approach including TRIZ ~All New Graduates Experience TRIZ with Fun and Interest~
15:00	J06 Yasunori Nakao (Business Process Design) JE
	Development and results of business model idea tool that applies TRIZ invention principle and evolution pattern
15:30	J07 Toshimitsu Kataoka (Pat Brain Co., Ltd.) JE
	"Pinch is a chance!" Consideration of TRIZ spread - Challenge to regional revitalization -

Break (10 min.)

16:10	J08 Narumi Nagase (Japan TRIZ Society) JE
	TRIZ-Rx Subcommittee Activity Report Part 2 Symposium Announced Information Database Construction Status
16:40	J09 Narumi Nagase JE
	Examination of TRIZ that is close to beginners and beginners - With the fusion thinking of QFD and TRIZ operator -
17:10	J10 Toru Nakagawa (Osaka Gakuin University) JE
	World TRIZ-related Sites Project (WTSP) (4) Construction and Enhancement of World WTSP Catalogs of TRIZ Sites and Around-TRIZ Sites

Break (20 min.)

18:00	Exchange J(E)
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20:00 Ending

2nd day: Sep. 3 (Fri.)

10:00	E101 Keynote Lecture E
	Isak Bukhman (TRIZ Solutions LLC (USA)) Trend of TRIZ Application in Industries in the World

12:00

Lunch Break (60 min.)

13:00	J11 Hiroki Ikegaya (Japan TRIZ Society) JE
	About the process of TRIZ beginners becoming familiar with TRIZ
13:30	J12 Sachio Matsubara (Former professor at Kyushu University) JE
	Transitions of Japanese manufacturing methods from the viewpoint of constructing and utilizing explicit and tacit knowledge: the second report ~The win-win relationship between tacit knowledge and TRIZ~
14:00	J13 Ikuo Yoshizawa (NPO Japan TRIZ Society) JE
	Research on general-purpose application methods of "evolutionary trends" ~How to use the "evolution trend" that can be seen from the evolution of the business model in the new corona virus~
14:30	J14 Takuya Fujii (Japan TRIZ Society) JE
	Proposal of ideas for improving TRIZ symposium using creative techniques

Break (10 min.)

15:10	J15 Kimihiko Hasegawa (Japan TRIZ Society) JE
	Proposal of TRIZ organizational activity dissemination measures by analysis of TOC thinking process
15:40	J16 Takayoshi Ohtsu (Numazu National College of Technology) JE
	Practice of lessons in TRIZ to solve problems of local governments
16:10	J17 Takayoshi Ohtsu (Numazu National College of Technology) JE
	Project research "My TRIZ Searching for invention principles around us"
16:40	J18 Takayoshi Ohtsu (Numazu National College of Technology) JE
	TRIZ learned from life-size 3D block coelacanth production
17:10	J103 Closing Address JE Manabu Sawaguchi (Japan TRIZ Society)

17:20 Closing

17:20

Legend for languages

JE presentation in Japanese
J(E) in Japanese, partially in English
E presentation in English

Legend for session types

Keynote Lecture
Special Lecture
Presentation