

Journal of the European TRIZ Association - INNOVATOR 02-2017 Volume 4

The collection of selected papers of the TRIZ Future Conference of the European TRIZ Association included

Special Issue: Selected papers presented at the 17th International TRIZ Future Conference - Bridging C

Editors: Gaetano Cascini, Pavel Livotov. Guest editor: Leonid Chechurin.

ETRIA e.V. - European TRIZ Association. ISSN 1866-4180

Please click this link to [download PDF file \(9 MB\)](#):

Please cite the articles as:

Surnames, Initials. Title of the Article *Journal of the European TRIZ Association*, ISSN 1866-4180, 02/2017 Volume 04, p

Content 02-2017, Volume 04

Advanced Innovation Design Approach:
towards Integration of TRIZ Methodology into Innovation Design Process
Pavel Livotov
(Editorial)

A Comparative Analysis of Praxiological Networks and Selected IDEF Models
Maksymilian Smolnik

A framework of forecasting techniques as a checklist to minimize the likelihood
of product design failures
Yuri Borgianni

A systematic literature review of TRIZ used in Eco-Design
Shqipe Buzuku, Iuliia Shnai

Application of TRIZ Concepts to University Career Development Education:

A practical example of lecture activity with TRIZ

Kiyohisa Nishiyama, Leleito Emanuel, Nobuaki Saka □□□□□□□□

Automation of conceptual design stage of framed buildings projects using
TRIZ function modelling in BIM environment. A case study

Ivan Renev, Leonid Chechurin, Elena Perlova

Combining discrete event simulation, data analysis, and TRIZ for fleet optimization

Sébastien Bach, Roland de Guio, Nathalie Gartiser

Developing a method to aid engineers in finding solutions for functional problems.

Literature research, including biomimetics and TRIZ

Nienke Nijenhuis □□□

Forecasting of product and technology development using
heuristic-systematic approach

Sebastian Koziółek, Marek Mysior, Bartosz Pryda, Robert Smirnow, Marek Robak □□□□□□□□

Generating New Product Ideas with TRIZ-derived 'Voice of the Product'
and Quantum-Economic Analysis (QEA)

Oleg Abramov

Innovative interaction design approach based on TRIZ separation principles
and inventive principles

Xiaoguang Sun, Rémy Houssin, Jean Renaud, Mickael Gardoni, Denis Cavallucci

'Liberty vs. Love': The Principal Contradiction of Human Culture.
(2) The 'Liberty vs. Love' Contradiction and 'Ethics' at the Personal Level

Toru Nakagawa

Multiscreen Analysis for Team Strategy Development

Tiziana Bertoncelli, Francesco Papini, Kunal Goray, Oliver Mayer

The 40 Inventive Principles to conduct negotiations - Strategies and tactics
to solve conflicts in communication

Claudia Hentsche

A Comparative Analysis of Praxiological Networks and Selected IDEF Models <i>Maksymilian Smolnik</i>	4
A framework of forecasting techniques as a checklist to minimize the likelihood of product design failures <i>Yuri Borgianni</i>	12
A systematic literature review of TRIZ used in Eco-Design <i>Shqipe Buzuku, Iuliia Shnai</i>	20
Application of TRIZ Concepts to University Career Development Education: A practical example of lecture activity with TRIZ <i>Kiyohisa Nishiyama, Leleito Emanuel, Nobuaki Saka</i>	32
Automation of conceptual design stage of framed buildings projects using TRIZ function modelling in BIM environment. A case study <i>Ivan Renev, Leonid Chechurin, Elena Perlova</i>	39
Combining discrete event simulation, data analysis, and TRIZ for fleet optimization <i>Sébastien Bach, Roland de Guio, Nathalie Gartiser</i>	47
Developing a method to aid engineers in finding solutions for functional problems. Literature research, including biomimetics and TRIZ <i>Nienke Nijenhuis</i>	62
Forecasting of product and technology development using heuristic-systematic approach <i>Sebastian Koziółek, Marek Mysior, Bartosz Pryda, Robert Smirnow, Marek Robak</i>	

71

Generating New Product Ideas with TRIZ-derived 'Voice of the Product'
and Quantum-Economic Analysis (QEA)
Oleg Abramov 80

Innovative interaction design approach based on TRIZ separation principles
and inventive principles
Xiaoguang Sun, Rémy Houssin, Jean Renaud, Mickael Gardoni, Denis Cavallucci 88

'Liberty vs. Love': The Principal Contradiction of Human Culture.
(2) The 'Liberty vs. Love' Contradiction and 'Ethics' at the Personal Level
Toru Nakagawa 97

Multiscreen Analysis for Team Strategy Development
Tiziana Bertoncelli, Francesco Papini, Kunal Goray, Oliver Mayer 105

The 40 Inventive Principles to conduct negotiations - Strategies and tactics
to solve conflicts in communication
Claudia Hentsche
113

The method of the design improving by using the TRIZ function analysis
and the trimming
Nikolai Efimov-Soini, Leonid Chechurin
137

The Study of Effectiveness of TRIZ Tools for Kaizen Activities in Japan

and Developing Countries <i>Manabu Sawaguchi, Heikan Izumi</i>	145
Trimming in the context of IT-services <i>Teemu Toivonen</i>	153
TRIZ popularity, challenges and strategies to make it work in Finland <i>Behrooz Khademi, Kalle Elfvengren, Leonid Chechurin</i>	161
TRIZ to resolve socio-technical contradictions within the product usage integration in design <i>Rémy Houssin, Amadou Coulibaly, Denis Cavallucci, Jean Renaud</i>	186