

The following 58 abstracts were provisionally accepted for TRIZ Future 2008. Final approval of paper presentations and posters will be done after all the papers will be reviewed by Scientific and Industrial Committees.

1. Robert Adunka (Siemens, Germany)

Teaching TRIZ within Siemens

□

2. Anatoly Agulyansky, Alexander Talalaevski (Intel Corp., USA)

TRIZ Application for Customer Needs Definition

3. Young Joon Ahn (LS Cable Co., Korea)

Adjustable length bus duct connection design using TRIZ

- Nasir Ayub, Paul Filmore (University of Plymouth, UK)

Early Experiences Employing the Matrix Principles Modified for the Communications and Electronics Domain

1. Peter Bajor (Széchenyi University, Hungary)

Following the fluctuation of consumer demand in the history of water-, gas- and electricity supply

□

2. Victor Berdonsov (Komsomolsk-na-Amure State Technical University, Russia)

Application Characteristics of the Law of System Completeness

1. Isak Bukhman (TRIZ Solutions LLC, USA)

TRIZ - Value Innovation Roadmap for Projects innovation roadmaps

1. Iouri Belski (Royal Melbourne Institute of Technology, Australia)

Cognitive foundations of TRIZ problem solving tools

1. Karsten Böhm, Hans-Peter Steinbacher, (FH KufsteinTirol, University of Applied Sciences, Germany)

Applications of innovative methodologies and IT tool to support European SMEs in Product Innovation Processes

1. Maarten Bonnema (University of Twente, The Netherlands)

The Engineers □ Innovation Toolkit

1. Marco Aurelio de Carvalho (Federal University of Technology, Brasil)

TRIZ-Related and Non-TRIZ-Related Ideation Techniques: A Comparative Study

1. Gaetano Cascini (University of Florence, Italy), Davide Russo (University of Bergamo, Italy)

Networks of trends: systematic definition of evolutionary scenarios

1. G. Cascini (University of Florence, Italy), N. Khomenko (INSA Strasbourg, France), J. Jantschgi (Fachhochschule Kärnten, Austria), I. Kaikov (European Institute for Energy Research, Germany), A. Sokol (Jelgava regional Adult education centre, Latvia), F. Tomasi (Area Science Park, Italy)

TETRIS: Teaching TRIZ at School Delivering ARIZ concepts since the very beginning

1. Denis Cavallucci (INSA Strasbourg, France)

On Contradiction Clouds

1. Simon Dewulf, Vincent Theeten, Bernard Lahousse (CREAX, Belgium)

SIMPLICITY in TRIZ-related INNOVATION METHODOLOGY implementation: 5 novelties

1. Ellen Domb (PQR Group, USA)

Teaching TRIZ to Beginners

□

2. Sebastian Dubious (INSA de Strasbourg, France)

No Title

1. Thomas Eltzer, G. Bersano, T. Eltzer, R. Uhl, (Active Innovation Management, France), V. Bregonzio (Saipem SpA, Italy)

The integration of TRIZ and Risk management to increase the ratio of success of innovation projects

1. Laszo Farkas (Budapest Univ. of Technology and Economics, Hungary)

TRIZ-ARIZ in power transformer development

1. Laszo Farkas (Budapest Univ. of Technology and Economics, Hungary)
TRIZ in engineering education curricula.

1. Naum Feygenson, Alexander Kynin, Yong-Kwan Lee (SAMSUNG Electro-Mechanics Co Ltd., Korea)
Growth and development as aspects of Engineering System Evolution

1. Oleg Feygenson (Algorithm Technology Research Center, Saint Petersburg, Russia)
Function Approach for Resource Analysis

1. Guido Giebens (ANTRIM-VIISITEAM, Belgium)
Using a board game to introduce the use of the TRIZ techniques

1. Rima Ghemraoui (Ecole Normale Supérieure de Cachan, France)
Updated Contradiction Matrix Applicability to Safety Tractor-Implements Hitch Design

1. Mickael Gardoni (INSA de Strasbourg, France)
Management of the concept phase of the design thanks to TRIZ possibilities
2. Christoph Haag, Günther Schuh (Fraunhofer Institute for Production Technology IPT, Germany)
How to Prevent Product Piracy Using a New TRIZ-based Methodology

1. Jack Hipple (Innovation-TRIZ, USA)
The Use of TRIZ Principles in Air Traffic Control Display Design

1. Sergei Ikovenko (GEN3Partners, USA)
Further Development of the Trends of Evolution □ Trend of Sustainability Increase

1. Atsuko Ishida (HITACHI CONSULTING Co., Ltd, Japan)
Revising the TRIZ-based Business Idea Database to Find Customers Potential Needs on Business and Technical Seeds to Resolve Them

1. Pavel Jirman (JIM Design, Czech Republic)
TRIZ contribution to the solution of the paradox during homogenization of molten glass□

□

2. Sayed Mahdi Golestan Hashemi (Iran Research Center for Creatology, Innovation & TRIZ)

TRIZ- based Creatology of Technology

1. Nikolai Khomenko Roland De Guio, (INSA Strasbourg, France)

Postulates of Classical TRIZ and OTSM: practical value of the theoretical assumptions

2. Dmitry Kucharavy, Roland De Guio (INSA Strasbourg - Graduate School of Science and Technology, France)

Logistic Substitution Model and Technological Forecasting

3. Albert van der Kuij (Sensata, Netherlands)

From specific knowledge to sustained revenue

4. Heechoon Lee (POSCO, Korea)

Wisdom of creating you learning through TRIZ (Practical applications of steel industry)

1. Tomasz Liskiewicz (University of Leeds, UK)

Approaching the Contradiction in Electrical Contact Design

1. Pavel Livotov (TRIS Europe, Germany)

Method for Quantitative Evaluation of Innovation Tasks for Technical Systems, Products and Processes.

2. Darrell Mann (Systematic Innovation Ltd, UK), Adrian C. Cole (University of Central England in Birmingham, UK)

Smart Materials Solve Contradictions: Connecting The Right Materials Solution To The Right Market Need

3. Denis Murnikow (Innokraft, Germany)

TRIZ in innovation management □

4. Toru Nakagawa, Arata Fujita (Osaka Gakuin University, Japan)

Applying TRIZ/USIT to A Social & Technical Problem: Auto-locking Door System of Apartment Building

1. Roberto Nani (Scinte s.n.c., Italy), Daniele Regazzoni (University of Bergamo, Italy)

Technological route between pioneersim and improvement

2. Yekta Özözer (ABC Consulting Ltd, Turkey), Darrell Mann (Systematic Innovation Ltd, UK)

Creating A Meta/Mega/Micro Market Trend Hierarchy

3. Johannes Pfister (Interquality, Germany)

TRIZ Analysis of a new Non Governmental movement – the Global Marshall Plan

1. K. Venkata Rao (Dr. Mahalingam College of Engineering & Technology, India)

TRIZ Tool for Airport Management

2. Andreas Roderburg, Fritz Klocke, Christoph Zeppenfeld (RWTH Aachen University, Germany)

Design Methodology for Hybrid Production Processes

1. Ives de Saeger, Eddy Claeys (P41, Belgium)

Strengthening the 40 Inventive Principles

2. Philip Samuel (Breakthrough Management Group, USA), Rajesh Jugulum (Massachusetts Institute of Technology, USA)

A Taxonomy of Inventive Principles for Robust Design Concepts

1. Pascal Sire (IBM Corp., France)

Lessons Learned in the introduction of TRIZ at IBM Corporation, aka – explaining the – knowledge spiral – pragmatic way to learn, teach and practice with busy professionals.

1. Shahbazi Sadegh

Application of TRIZ in Just-In-Time (JIT)

1. Manabu Sawaguchi (Sanno Institute for Management, Japan)

A decision-making model to evaluate highly-valued designs from the point of view in – TRIZ thinking –

1. Daniel Sheu

A Proposed Process for Systematic Innovation and TRIZ Positioning

2. Jeongho Shin (LG electronics, Korea)

The Benefit of Small Success for TRIZ novices

1. Valeri Souchkov (ICG Training & Consulting, The Netherlands)

Value-Conflict Mapping to Structure Innovation Strategy

1. Alexander Talalaevsky (Intel Corporation, USA)

TRIZ FMEA (Failure Modes & Effects Analysis) reduces risk of new technology transfer from R&D to Production by harnessing semantic analysis and reverse TRIZ.

1. Shuo-Kai Tsai, Peter Childs, (University of Sussex, UK)

TRIZ Incorporating the BRIGHT Process in Design

1. Tom Vaneker, R.W. de Vries (University of Twente, The Netherlands), Jan Mannak (Thales, Netherlands), Valeri Souchkov (ICG Training & Consulting, Netherlands)

Development of a framework for using TRIZ in a codisciplinary design environment

□

2. Paul-Armand Verhaegen (Katholieke Universiteit Leuven, Belgium)

Interrelation Products through Properties via Patent Analysis