

TRIZfest -2017 CONFERENCE PROGRAM

SEPTEMBER 13, 2017

	Pre-Conference Tutorials:	
09:00-12:00	Valeriy Prushinskiy, Oleg Feygenson: Modern TRIZ Tools. Hybridization with Elements of Advanced Function Approach	
13:00-16:00	Zenia Guin: Teaching 21st Century Skills	Valeri Souchkov: TRIZ for Business Applications
15:00-16:30	Visit to ABB labs. 10 people groups will depart every 30 minutes. A 15 min walk from Hotel Andel's. This is an exciting opportunity to visit various projects which are being worked on at ABB Krakow office.	

SEPTEMBER 14, 2017

08:00-09:00	Registration	
09:00-09:40	Welcome to TRIZfest-2017: Opening Ceremonies	
09:40-10:10	Welcoming address: Dr. Alicja Adamczak, President of Polish Patent Office	
	TRACK 1	TRACK 2
	Session #1. Chair: Valeri Souchkov	Session #2. Chair: Christoph Dobrusskin
10:10-10:30	Modern TRIZ and the Concept of Antifragility. Friends, Enemies or Frenemies? Oleg Feygenson (Samsung Electronics, South Korea), Naum Feygenson (Healbe Corporation, Russia)	TRIZ for New Products: Solving "Never Solvable" Problems Krzysztof Kochanowska, Tomasz Michalik (SMP Poland Sp. z o.o., Poland)
10:30-10:50	Initial Disadvantages Identification Yongwei Sun (NICE - National Institute of low-Carbon and clean Energy, PR of China)	"How to administer TRIZ?" – Experiences in introducing TRIZ Suresh Rajan, P.V.Narayan (TRIZ Association of Asia, India)
10:50-11:10	Nature as a Source of Function-Leading Areas for FOS-derived Solutions Stéphane Savelli (MP Solving, Belgium), Oleg Y. Abramov (Algorithm Ltd., Russia)	Open TRIZ Second Wave. TRIZ & TOC Tool José Roberto Espinoza Villarroé (Open TRIZ Second Wave Chile SpA, Chile)
11:10-11:40	Refreshment Break	
11:40-12:00	Integral S-curve Analysis Alex Lyubomirskiy (GEN TRIZ LLC, USA)	TRIZ in India and its applications in Technical Innovation Tito Kishan Vemuri (Association for TRIZ and Technical Innovation (ATTI), India)
12:00-12:20	Evolution Map based in Advance Invention, Process and Case Studies Mijeong Song, Dongsup Jang, Siho Jang, Chang-Ryong Heo, Dong-II Son, Chi-Hyun Cho, Bokyung Kim, Jiho Seo (Samsung Electronics, South Korea)	Standard VDI 4521 Part 3: Inventive Problem Solving with TRIZ: Problem Solution Kai Hiltmann (Coburg University of Applied Sciences, Germany), Christian Thurnes (Kaiserslautern University of Applied Sciences, Germany), Robert Adunka (TRIZ Consulting Group, Germany), Norbert Huber (Weihestephan-Triesdorf University of Applied Sciences, Germany)"
12:20-12:40	MPV-based Engineering System Evolution Arthur Lok (China Institute for Innovation, PR of China)	Open Innovation: TRIZ Approach vs. Crowd Sourcing Simon S. Litvin (GEN TRIZ, USA)
12:40-13:00	Increased Addressing of Human Senses as a Trend Oliver Mayer (Muenchen, Germany)	TRIZ Implementation Experience in Basel Sergey A. Yakovenko (RUSAL Corporation, Russia), Alexander V. Kudryavtsev (Non-Profit Association "Centre of Practical Innovation", Moscow, Russia), Sergey A. Faer (Academy of Troubleshooting, Moscow, Russia)
13:00-14:00	Lunch	
	Special Session: TRIZ-Pedagogy. Chair: Mark Barkan	Session #3. Chair: Oliver Mayer
14:00-14:20	Smart Education Evgenia Guin, Anatoly Guin (Association «Education for a New Era», Russia)	A Praxiological Chain Model Applied to the Algorithm of Inventive Problem Solving Maksymilian Smolnik (AGH University of Science and Technology, Poland)
14:20-14:40	TRIZ Invention School for the Children and the Youth Mi Jeong Song (Samsung Electronics, South Korea), Jung-Bae Kim (Alchera Inc., South Korea), Jung-Hyeon Kim (Samsung Electronics, South Korea)	AHP-based Multi-Criteria Function Analysis as a TRIZ Tool for Complex Technical Systems Leszek Chybowski, Katarzyna Gawdzińska, Wojciech Przetakiewicz (Maritime University of Szczecin, Poland)
14:40-15:00	TRIZ for Schools Christoph Dobrusskin (Philips Innovation Services, The Netherlands), Hans Baaijens (Philips Lighting, The Netherlands), Mandy Stoop (Fontys, The Netherlands)	A Simple Way to Perform CECA and Generate Ideas in Practice Arthur Lok (China Institute for Innovation, PR of China)

15:00-15:20	Developing Creative Thinking Skills – Grade School Level Propaedeutic Course “Engineering” (May also be used for the liberal arts students and graduates) Anatoly Guin, Elena Guin, Evgenia Guin (Association «Education for a New Era», Russia)	Optical Contradictions in TRIZ: a Review Pavel Fimin (Algorithm Ltd, Russia)
15:20-15:40	TRIZ Pedagogy as the Basis of the Educational Process Gredynarova Olena (Zaporozhye, Ukraine)	The Law of Supersystem Completeness Valeri Souchkov (ICG Training and Consulting, The Netherlands), Darold Davis (Replicant AD, USA)
15:40-16:00	Refreshment Break	
	Special Session: TRIZ-Pedagogy. (Contd)	Session #4. Chair: Kai Hiltman
16:00-16:20	Open Tasks by Making Use of Wooden and LEGO Play Blocks Irena Stańczak (Old Polish University, Poland)	Applying TRIZ to improve Lean Product Lifecycle Management Processes Jens Hammer (School of Business and Economics, Friedrich-Alexander-Universität Erlangen-Nürnberg, Germany), Martin Kiesel (Siemens AG, Germany)
16:20-16:40	TRIZ in the Teaching of the Polish Language Jan Boratyński (TRIZ – Poland Foundation, Poland)	DFMA and Trimming. Comparison of Two Systematic Approaches for Simplification of Design. Floating Squirring Toy - Case Study. Jerzy Obojski (ABB Poland, Poland)
16:40-17:00	The Evolution of Attitudes to Entrepreneurship in People (14-16 years old) Anna Boratyńska-Sala (Cracow University of Technology, Poland)	Combining the Morphological Analysis with TRIZ: The Industrial Use Case. Tomasz Nowak, Robert Płatek (ABB, Poland), Egil Stryken (ABB, Norway) Paweł Kłys (ABB, Poland)
17:00-17:20	ROUNDTABLE: TRIZ-Pedagogy	From Problem to Objective – Complementing TRIZ with NLP Jerzy Chrzęszcz (Warsaw University of Technology, Poland)
17:20-17:40	ROUNDTABLE: TRIZ-Pedagogy (Contd.)	Hybridization of DFSS- and TRIZ-modeling Methods within an Innovation Oriented DFSS-framework Schmidt A.(Continental Automotive GmbH, Germany), Thurnes C.M.(Kaiserslautern University of Applied Sciences, Germany), Näther S. (Continental Automotive GmbH, Germany)
19:00-21:00	Social Event: Reception and Cocktail Party	
SEPTEMBER 15, 2017		
	TRACK 1	TRACK 2
	Session #5. Chair: Valeriy Prushinskiy	Session #6. Chair: Leszek Chybowski
08:40-09:00	Application of TRIZ to Research Communication Skill Development Kiyohisa Nishiyama, Emanuel Leleito (Nagoya University, Japan)	The Identification of Contradictions in Cliff: an Automatized Zipper Prototype Using the TRIZ Method with Root Conflict Analysis (RCA+) Mohamad Zairi Baharom, Frank Delbressine (Eindhoven University of Technology, The Netherlands), Marina Toeters (by-wire.net, The Netherlands), Loe Feijs (Eindhoven University of Technology, The Netherlands)
09:00-09:20	Application of TRIZ in Business Systems Siarhei Boika, Andrei Kuryan, Dmitry Ogievich (EPAM Systems, Belarus)	TRIZ Principles in Radiotherapy Maciej Lasota (Novismo, Poland)
09:20-09:40	Opportunities from Integrating TRIZ and IT project management for alignment IT – Business Monika Woźniak (University of Gdansk, Poland)	The Study of Innovation and Improvements of the GD-K77 Riken Single-point Type Gas Detector by Applying TRIZ Youn-Jan Lin, Tung-Yueh Pai (Ming-Hsin University of Science and Technology, Taiwan), Chan-Tang Fu (Vanguard International Semiconductor Corporation, Taiwan)
09:40-10:00	Generative Inventions Valery M.Tsourikov (Predizo LLC, Belarus)	Application of TRIZ in Ultrasonic Brazing Quality Li Lui, Xiaolei Song, Yan Lui, Kunqiang Lui (Gree Electric Appliances Inc. of Zhuhai, PR of China)
10:00-10:20	Refreshment Break	
10:20-10:40	TRIZ in the Context of Digitalisation and Digital Transformation Horst Nähler (c4pi – Center for Product-Innovation, Germany), Barbara Gronauer (StrategielInnovation, Germany)	Is TRIZ easy, or not? Michał Halas (GRUPA ODITK, Poland)

10:40-11:00	Suggestion of Method of Discovering Innovative Ideas Through Convergence of TRIZ and Big Data Solution Ji-Young Kim, Hyung-Seok Yeo, Jun-Young Lee (Samsung Electronics, South Korea)	TRIZ Problem Solving: Consulting vs. Facilitation Len Kaplan (OutCompete LLC, USA), Jerzy Obojski (ABB, Poland)
11:00-11:20	TRIZ-Navigator for Business Models Andrei Kuryan (EPAM Systems, Belarus), Mikhail Rubin (Healbe, Russia)	"To Beat the Market", or the Economic Rationale for Using TRIZ-based Inventions Dmitriy Bakhturin (Central Institute for Continuing Education & Trainings of State Atomic Corporation "Rosatom", Russia)
JOINT SESSION		
11:20-11:50	Keynote: Dr. Martha Gardner, GE Global Quality Leader, "TRIZ at GE"	
11:50-13:00	ROUNDTABLE: TRIZ in Industry	
13:00-14:00	Lunch	
14:00-16:00	Social Event: Old Town Tour (for accompanying persons)	
	TRACK 1	TRACK 2
	Session #7. Chair: Simon Litvin	Session #8. Chair: Alex Lyubomirskiy
14:00-14:20	Teaching Creative Problem Solving and Decision Making. University vs Workplace Mark Barkan (Education for a New Era, USA)	An Improvement for Existing Function Approach Michael Yongmou Liu (GET Group, PR of China)
14:20-14:40	The Hero's Journey as a Framework for Learning and Using TRIZ Barbara Gronauer (StrategieInnovation, Germany), Horst Th. Naehler (c4pi – Center for Product-Innovation, Germany)	Enhancing Statistical Design of Experiments with TRIZ and Vice - Versa Shree Phadnis (TRIZ Association of Asia, India)
14:40-15:00	Report on the 2nd European Remote TRIZ Workshop Christoph Dobrusskin (Philips Innovation Services, The Netherlands)	Research on TRIZ Integrated FBS-A Representation Zhang Ying, Shi Dongyan, Tang Hou-cheng (Harbin Engineering University, Heilongjiang Bayi Agricultural University, PR of China)
15:00-15:20	Online TRIZ Training: Experience with Development and Delivery Valeri Souchkov (ICG Training & Consulting, The Netherlands)	Mapping TRIZ principles to Electromechanical Conversion Applications Tiziana Bertocelli, Oliver Mayer, Francesco Papini (GE Global Research, Germany)
15:20-15:40	Refreshment Break	
	Session #9. Chair: Oleg Feygenson	Session #10. Chair: Yongwei Sun
15:40-16:00	Nuances of TRIZ Application for Competitive Patent Circumvention: "Dragon" Patents and "Ghost" Components Sergei Ikoenko (The International TRIZ Association, MATRIZ, USA)	How Theory of Inventive Problem Solving (TRIZ) Can Implemented to Automotive Industry in the Example of Jaguar Land Rover? Kayhan Sirdar (University of Warwick, UK)
16:00-16:20	Quantitative Approach to Cause-Effect Chains Analysis Jerzy Chrzęszcz (Warsaw University of Technology, Poland)	Become User of TRIZ Tools Instead of to Play Hide and Seek František Palčák (Civic Association TRIZ SK, Slovak Republic)
16:20-16.40	Using TRIZ-derived 'Voice Of the Product' to Identify Promising Market Niches Oleg Y. Abramov, Vladimir Y. Rychagov (Algorithm Ltd., Russia)	Construction of Innovative Ecological Environment of College Students based on TRIZ Theory Zhang Ying, Shi Dong-yan, Tang Hou-cheng (Harbin Engineering University, Heilongjiang Bayi Agricultural University, PR of China)
16:40-17:00	TRIZ Recommendations for Development of Concepts of "Learning" Products Valeriy Prushinskiy (Samsung Electronics, South Korea)	Closing the Knowledge Gaps Marek Zaleski, Piotr Jazwiecki (Sonion Polska, Poland)
17:00-17:30	Keynote: Andrzej Zając, President, ALLCOMP POLSKA Sp. z o.o., "TRIZ at ALLCOMP"	
19:00-22:00	Social Event: Conference Dinner	
SEPTEMBER 16, 2017		
09:00-10:30	TRIZ Master Defence and Certification	
10:30-10:45	Refreshment Break	
10:45-13:00	TRIZ Master Defence and Certification	
13:00-14:00	Lunch	
14:00-16:30	MATRIZ Congress	
16:30-17:00	Conference Closing	