

TRIZfest -2018 CONFERENCE PROGRAM		
September 12, 2018		
Pre-Conference Tutorials:		
09:00-12:00	Sergei Ikoenko: TRIZ for Patent Strategies.	Anatoly Guin: TRIZ-Pedagogy
13:00-16:00	Simon Litvin: Creative Imagination Development.	Sergey Faer: TRIZ for solving non-technical problems: "Method of Paradoxes"
September 13, 2018		
Registration		
08:00-09:00	Welcome to TRIZfest-2018: Opening Ceremonies	
09:40-10:10	Keynote address: Jung-Hyeon Kim, Ph.D., TRIZ Master, Samsung Electronics, TRIZ at Samsung Electronics. Historical Overview and Case Studies.	
	TRACK 1	TRACK 2
	Session #1. Chair:	Session #2. Chair:
10:10-10:30	Identification and Utilization of the most Efficient Resources among those Available Oleg Feygenson (Samsung Electronics, South Korea), Naum Feygenson (EN+, Russia)	Identifying Key Problems and Conceptual Directions Using the Analytical Tools of Modern TRIZ; Oleg Y. Abramov (Algorithm Ltd, Russia), Stéphane Savelli (MP Solving, Belgium)
10:30-10:50	The Fast Diagram for TRIZ Hiltmann, Kai (Coburg Univ. Appl. Sc., Germany)	Process of Modern Scientific Research Embedded with TRIZ Zhongyue Zhang (School of Physics and Information Technology, Shaanxi
10:50-11:10	Automating TRIZ for Crowdsourcing Applications Aleksi Ruin, (Belgium), Andrii Konovalenko, (Ukraine),	A framework for using TRIZ to solve Additive Manufacturing challenges Vinodh Mewani (GE, India), G. Nagashiresha (GE, India)
11:10-11:40 Refresment Break		
11:40-12:00	Taking Human Factor out of Equation a Technical Remedy for a Managerial Challenge Sergey Faer (Troubleshooting Academy, Russia), Mark Barkan (MATRIZ, USA)	A comparative study of TRIZ and Sun Tzu's Art of War Zhang Binbin (School of Energy Research, Xiamen University, PR China)
12:00-12:20	Method of Paradoxes Sergey Faer (Troubleshooting Academy, Russia), Mark Barkan (MATRIZ, USA)	Study of Evolution Patterns of Display and TSP Technology Minuk Kima, Harksang Kima, Mijeong Songb, Kunwoo Baekb, Chang-Ryong Heoa, Kyuhyun Choc, Hyeongsuk Yeob (Samsung Electronics, South Korea)
12:20-12:40	TRIZ and Software Evolution Luiz Carlos Guedes (IME - Instituto Militar de Engenharia, Brazil)	TRIZ Approach to Internet of Things Simon S. Litvin (GEN TRIZ, USA), Andrey Prokofiev (Algorithm Ltd, Russia)
12:40-13:00	Indicating System Vulnerabilities within CECA Model Jerzy Chrzęszcz (Institute of Computer Science, Warsaw University of Technology, Poland)	SU-Field Analysis in Optics: Research and Practice Pavel Fimin, Vladimir Rychagov (Algorithm Ltd, Russia)
13:00-14:00 Lunch		
Special Session: TRIZ-Pedagogy. Chair: Mark Barkan		Session #3. Chair:
14:00-15:00	Creativity Bowl Joint session - moderated by Anatoly Guin and Mark Barkan	
15:00-15:20	TRIZ in Schoolproject Sensus Annemieke Vermeijlen, Christoph Dobrusskin, Hans Baaijens, Annemieke Vennix, Carla Upperman, Maritza Rovers (Van Maerlantlyceum, Philips Innovation Services, the Netherlands)	Design for Innovative Hydraulic Valve Structure Based on TRIZ and Multi-Element Coupled Biometric Method Zitong Zhao, He Xu, Haihang Wang, Liye Jiao, Vishwanath Poooneeth (College of Mechanical and Electrical Engineering, Harbin Engineering University, PR China)
14:40-15:00	ROUNDTABLE: TRIZ:Pedagogy	Selecting and Validating Key Problems in TRIZ Projects Arthur Lok (China Institute for Innovation, PR of China)
15:00-15:20	ROUNDTABLE: TRIZ:Pedagogy (Contd)	Research on Seismic Structure of High Pier Railway Bridge Based on TRIZ Hu Lianjun, Yang Jizhong, Wei Yongxing, Zheng Xiaoyan, Yuan Zhigang (China Railway Eryuan Engineering Group Co. Ltd, PR China)
15:20-15:40	ROUNDTABLE: TRIZ:Pedagogy (Contd)	Contradictions of User Interface (UI) Valeriy Prushinskiy (Samsung Electronics, South Korea)
15:40-16:00 Refresment Break		
ROUNDTABLE: Introducing TRIZ in the industry and academia		
16:00-17:00	What are the factors and a roadmap of introducing TRIZ in industry and academia. The issue here is the fact that the academia is reluctant to invest in a course, which provides a skill, not required by the industry. On the other hand, the industry doesn't demand something they don't know is available. The representatives from the academia and the industry are invited to provide their experiences and ideas.	
19:00-21:00	Social Event: Reception and Cocktail Party - 8th floor of the hotel	

September 14, 2017	
	Session #4
09:00-09:20	Trends of Engineering System Evolution in Toy / Kids Industry Jerzy Obojski (NOVISMO, Poland)
09:20-09:40	Research on the Impact of TRIZ Innovation Method Training on Employee Innovation Performance Gao Qingsong, Li Xiaoyan (Xiantang University, PR China)
09:40-10:00	TRIZ as Design Frames in Philosophy education Ruud Heesen (Varendonck College, the Netherlands), Christoph Dobruskin (Royal Philips, the Netherlands)
10:00-10:20	A Theoretical Model and Roadmap for Applying TRIZ in an R&D Organization Arthur Lok (China Institute for Innovation, PR of China)
10:20-10:40	Refresment Break
	Session #5
10:40-11:00	TRIZ Modelling of X-Ray Phase Contrast System for Medical Applications Tiziana Bertonecelli, Cristina Cozzini, Guido Kudielka, Oliver Mayer (GE Global Research, Germany)
11:00-11:20	Application of TRIZ Methods for Alternatives on Cardiac Activity Detection in Magnetic Resonance Imaging Guido Kudielka, Tiziana Bertonecelli, Oliver Mayer (GE Healthcare, GE Global Research, Germany)
11:20-11:40	Contact Lens Technology Evolution - A Study of Correlation between Patents and TRIZ Trends Indrajit Pande, Vinodh Mewani (GE, India)
	JOINT SESSION
11:40-13:00	ROUNDTABLE: TRIZ in Industry
13:00-14:00	Lunch
	Session #6
14:00-14:20	Innovation Funnel of Modern TRIZ: Experimental Study to Show the Efficacy of the TRIZ-Assisted Stage-Gate Process Oleg Y. Abramov, Sergey A. Markosov, Alexander V. Medvedev, Vladimir Y. Rychagov (Algorithm, Ltd, Russia)
14:20-14:40	The Integration of TRIZ Methods with Eco-Design and Lean Design: A Literature Review and Future Research Directions to the Development of a New Model Claudia Muiambo, Isabel M. João, Helena Navas (ISEL; CEG-IST; UNIDEMI; Portugal)
14:40-15:40	ROUNDTABLE: MATRIZ Certification. Moderator: Sergei Ikoenko Issues of Methodology and training
15:40-16:00	Refresment Break
	Session #7
16:00-16:20	The Application of TRIZ in the Household Air Conditioning Refrigerant Incharge Li Lua, Na Yu b, Peng Chen c, Zhufeng Wu d, Yan Lui (Gree Electric Appliances Inc., PR China)
16:20-16:40	TRIZ & TOC Tool Innovation: Vibration Sensory (vs) Language for Deaf José Roberto Espinoza Villarroel (Open TRIZ Second Wave Chile Spa, Chile)
16:40-17:00	Feedback to Intermediate Steps in Practical Substance-Field Generation Michael Schöwel (OSRAM GmbH, Germany)
17:00-17:20	Design of Flexible Arm Based on BioTRIZ and Multi-Factor Coupled Bionic Tehcnology Xueshan Zhou, He Xu, Peng Li, Wanda Zhao, Kundan Sharma, Haihang Wang (College of Mechanical and Electrical Engineering, Harbin Engineering University, PR
19:00-22:00	Social Event: Conference Dinner - 8th floor of the hotel
September 15, 2018	
09:00-10:30	A Session of TMCC
10:30-10:45	Refresment Break (at the discretion of TMCC)
10:45-13:00	A Session of TMCC
13:00-14:00	Lunch
14:00-16:30	This time is left open for potential ROUNDTABLE discussions
16:30-17:00	Conference Closing