



MATRIZ TRIZfest-2019 CONFERENCE PROGRAM

SEPTEMBER 11, 2019

PRE-CONFERENCE TUTORIALS

09:00-12:00	Tutorial 1: DESIGN FOR PATENTABILITY <i>Sergei Ikovento</i>	Tutorial 2: BASICS OF HYBRIDIZATION <i>Valeri Prushinskiy</i>	Tutorial 3: HOW TO FIND YOUR INNOVATION SWEET SPOT <i>Victor Fey</i>
12:00-13:00	LUNCH		
13:00-16:00	Tutorial 4: ADVANCED INFORMATION ANALYSIS WITH TRIZ <i>Oleg Feygenson</i>	Tutorial 5: LAWS AND TRENDS OF INNOVATIVE DEVELOPMENT OF BUSINESS SYSTEMS AND PRODUCTS <i>Valeri Souchkov</i>	Tutorial 6: CREATIVE IMAGINATION DEVELOPMENT <i>Simon Litvin</i>

SEPTEMBER 12, 2019

08:00-09:00	REGISTRATION	
09:00-10:30	Welcome to TRIZfest-2019: Opening Ceremonies, Awards	
10:30-11:00	REFRESHMENT BREAK	
	TRACK 1	TRACK 2
	Session #1	Session #2
11:00-11:20	TRIZ TOOLS FOR DISRUPTIVE COST REDUCTION <i>Simon S. Litvin</i>	INCREASING OF CUSTOMER EXPERIENCE WITH VACUUM CLEANER USING THE TRENDS OF ENGINEERING SYSTEM EVOLUTION <i>Vladimir Sizikov, Markus Gabor</i>
11:20-11:40	BIG DATA ANALYSIS: A RESOURCE TO BE CONSIDERED IN TRIZ <i>Oliver Mayer, Tiziana Bertoncelli</i>	PROCESS INNOVATION IN PACKAGING CHOCOLATE COOKIES <i>Michael Graf</i>
11:40-12:00	LOGICAL NEGATION IN CECA MODEL <i>Jerzy Chrzqszcz</i>	FOS WITH OPERATING TIME <i>Jungin Kim, Yusin Han, Ahreum Lee, Gukhyun Cho, Wanseok Jeong</i>
12:00-12:20	TRIZ ROADMAP FOR IDENTIFYING ADJACENT MARKETS <i>Oleg Abramov, Alexander Medvedev, Natalia Tomashevskaya</i>	STUDY ON THE TESE APPLICATION ROADMAP UNDER THE STRATEGIC DEVELOPMENT OF S-CURVE <i>Zhang Jing, Zhang Xiangmin, Guo Kai</i>
12:20-13:30	LUNCH	
13:30-14:00	JOINT SESSION	
	Keynote: Rainer Eidloth	
14:00-14:40	Joint Session: TRIZ Pedagogy, Mark Barkan	
	TRACK 1	TRACK 2
	Session #3	Special Session: TRIZ-Pedagogy
14:40-15:00	STUDY ON EROSION RESISTANCE OF CONTROL VALVE CAGE BASED ON TRIZ AND BIONICS <i>Min Cheng, He Xu, Feng Sun, Liye Jiao, Fengshu Yu</i>	INTERVIEW LESSON <i>Evgenia Guin</i>
15:00-15:20	FUNCTION ANALYSIS FOR CONVERT SYSTEM <i>Yong Joon Lee</i>	
15:20-15:40	TRIZ TOOLS FOR EFFECTIVE ROADMAPS <i>Kirill Domkin, Georgi Severinets, Oleg Gerasimov</i>	THE CASE OF THE CASE HOW DO I FIND OR CREATE A GOOD CASE THAT I CAN USE TO TEACH TRIZ IN MY CLASS? <i>Christoph Dobrusskin</i>
15:40-16:00	REFRESHMENT BREAK	

	Session #4	Special Session: TRIZ-Pedagogy (Contd)
16:00-16:20	PLAYING AS A WAY TO RESOLVE THE CONTRADICTORY DEMANDS. CASE STUDIES REVIEW <i>Jerzy Obojski</i>	COMPETENCY BASED APPROACH IN EDUCATION <i>Elena Gredynarova</i>
16:20-16.40	MY FIRST LONG-TERM TRIZ-BASED PROJECT IN HEILBRONN <i>Ahmad-Ramez Kassou</i>	
16:40-17:00	EXTENDING THE CONCEPT OF CONTRADICTIONS – TRIZ - APPLICATION IN NON-TECHNICAL / MANAGEMENT-RELATED CONTEXTS <i>Boris Oliver Kneisel</i>	THE SKILLS AND ATTRIBUTES I NEED IN ORDER TO BE SUCCESSFUL <i>Mark Barkan</i>
17:00-17:20	HOW TO BRING THE SUCCESSFUL CONCEPT OF TRIZ TO SMALL AND MEDIUM-SIZED COMPANIES AND TO SUPPORT THEM DURING THE IMPLEMENTATION OF TRIZ <i>Stefan Engelhard, Anne-Kathrin Kiesel, Robert Adunka</i>	ROUNDTABLE: TRIZ-Pedagogy
17:20-17:40	FLOW ENHANCEMENT INTERPRETATION EXPERIENCE <i>Michael Schoewel</i>	
17:40-18:00	AN ANALYSIS OF 40 YEARS TEACHING ENLARGED TRIZ IN VIETNAM <i>Minh-Dang Doan</i>	
19:00-21:00	RECEPTION AND COCKTAIL PARTY	

SEPTEMBER 13, 2019		
08:00-09:00	REGISTRATION	
	TRACK 1	TRACK 2
	Session #5	Session #6
09:00-09:20	PATENT CIRCUMVENTION AND PORTFOLIO DESIGN BASED ON INITIAL DISADVANTAGES IDENTIFICATION AND CAUSE EFFECT CHAIN ANALYSIS <i>Yongwei Sun, Yinhua Long, Shaodan Ma</i>	DESIGN OF ROBOT SELF-CLEANING VISION SYSTEM BASED ON TRIZ AND MULTI-COUPPLING BIOMIMETIC TECHNOLOGY <i>Junlong Chen, He Xu, Vishwanath Pooneeth, Zitong Zhao, Xueshan Zhou, Haihang Wang, Feng Sun</i>
09:20-09:40	DERIVING QUANTITATIVE CHARACTERISTICS FROM CECA MODEL <i>Jerzy Chrzqszcz</i>	APPLICATION OF SYSTEMATIC INNOVATION METHOD IN BF HEARTH EROSION PROBLEM <i>LIU Yongmou, Zhong Xingli</i>
09:40-10:00	TRIZ - TIME AND FAULT TREE ANALYSIS WITH FUNCTION ANALYSIS <i>Jochen Wessner</i>	DESIGN OF VARIABLE DIAMETER FLEXIBLE ARM BASED ON TRIZ THEORY AND BIONICS <i>Fengshu Yu, He Xu, Feng Sun, Peng Li</i>
10:00-10:20	ALGORITHM OF ENHANCED FUNCTION-ORIENTED SEARCH <i>Stéphane Savelli, Oleg Feygenon</i>	STIFFNESS IMPROVEMENT OF FLEXIBLE ARM BASED ON TRIZ THEORY <i>Siqing Chen, He Xu, Haihang Wang, Yonghui Zhang, Peng Li, Vishwanath Pooneeth</i>
10:20-10:40	REFRESHMENT BREAK	
10:40-11:00	TECHNOLOGY SCOUTING IN CHEMISTRY: ROADMAP AND CASE STUDIES <i>Oleg Abramov, Pavel Fimin, Evgenia Smirnova</i>	THE BARCAMP-FORMAT AS A PERFECT SETTING FOR INVENTIVE SITUATIONS – WHAT THE FIRST GERMAN TRIZ BARCAMP TEACHES US ABOUT INNOVATION CHALLENGES <i>Horst Naehler, Barbara Gronauer, Tiziana Bertoncelli, Thomas Nagel</i>
11:00-11:20	TRENDS IN HEALTHCARE <i>Aljoscha Michael Flohr, Stefan Schaper</i>	THE 3RD EUROPEAN REMOTE TRIZ WORKSHOP <i>John Cooke, Christoph Dobruskin, Pascal Sire</i>
11:20-11:50	JOINT SESSION	
	Keynote: Thomas Bayer	
11:50-13:00	PANEL DISCUSSION: TRIZ in Industry	
13:00-14:00	LUNCH	

	TRACK 1	TRACK 2
	Session #7	Session #8
14:00-14:20	APPLYING OF HYBRIDIZATION FOR DEVELOPMENT OF FLEXIBLE DISPLAY DEVICE <i>Valeriy Prushinskiy</i>	THE METHODS OF STEP BACK FROM IDEAL SYSTEM <i>Ahreum Lee, Jungin Kim, Wansoek Jeong, Gukhyun Cho, Youshin Han</i>
14:20-14:40	APPLICATION OF TRIZ TECHNIQUES FOR IDENTIFYING IDEAS FOR DIGITAL ANTI-TROLLING <i>Hiltmann Nadiya, Hiltmann Kai</i>	EVOLUTION ANALYSIS AND PREDICTION OF SHOWER <i>Kai Zhang, Yue Lin</i>
14:40-15:00	PHYSICAL CONTRADICTION RESOLVING BY SEPARATION OF CONTRADICTORY REQUIREMENTS IN SPACE OR TIME ON MICRO-LEVEL <i>Alex Lyubomirskiy</i>	INNOVATIVE DESIGN OF THE ANTI-EROSION STRUCTURE IN A WATER HYDRAULIC VALVE BASED ON TRIZ COMBINING WITH BIONICS AND FRACTAL THEORY <i>Yonghui Zhang, He Xu, Haihang Wang, Siqing Chen, Zitong Zhao, Vishwanath Pooneeth</i>
15:00-15:20	EXTENSION OF FUNCTION MODELING TO NON-TECHNICAL SYSTEMS <i>Valeri Souchkov</i>	TALKING ABOUT THE PRACTICAL APPLICATION OF THE STANDARD SOLUTION <i>Xiaofang Su, Na Yu, Feng Qiang, Ye Wang, Li Lv</i>
15:20-15:40	REFRESHMENT BREAK	
	Session #9	Session #10
15:40-16:00	EXPERIENCE OF LARGE HOLDING COMPANIES: INTERNAL TRIZ TRAINERS EDUCATION <i>Elena V. Redkolis</i>	THE CONTRIBUTION TO TRIZ BY THE INVENTOR SCHOOLS IN THE GDR <i>Hans-Gert Gräbe</i>
16:00-16:20	THE WORLD IS DYNAMIC, THE EDUCATION IS LINEAR <i>Mark Barkan</i>	TACTICS FIGHTING SUPERBUGS BY THE LAST RESORT SUPER DRUGS BASED ON SCIENTIFIC FOUNDATION AND TRIZ <i>Boris Farber, Ilya Kleyn, Artur Martynov</i>
16:30-18:00	JOINT SESSION	
	PANEL DISCUSSION	
19:00-22:00	CONFERENCE DINNER	

SEPTEMBER 14, 2019	
09:00-12:00	TRIZ Master Defence and Certification
12:00-13:30	LUNCH
13:30-14:30	PANEL DISCUSSION
14:30-15:00	REFRESHMENT BREAK
15:00-17:00	MATRIZ CONGRESS
	CONFERENCE CLOSING

Note: It is a preliminary agenda. The final agenda may slightly deviate from above presented.