TRIZ FUTURE CONFERENCE 2017 LAPPEENRANTA FINLAND

Lappeenranta University of Technology (LUT)

4.10.2017		
TYPE	**START TIME**	
	9:00	
	9:30	
	10:00	**EU ERASMUS+ project "Open innovation Platform for University-Enterprise Collaboration" (OIPEC) BOARD MEETING (7515) ONLY FOR THE BOARD MEMBERS**
	10:30	
	11:00	
	11:30	
	12:00	
	12:30	
BREAK	13:00	
TUTORIAL & MEETING	14:00	**EU ERASMUS+ project "Open innovation Platform for University-Enterprise Collaboration" (OIPEC) Open Workshop (4301-02)**
	14:30	
	15:00	
	15:30	**Tutorial: TRIZ FOR BEGINNERS (4502) by Leonid Chechurin**
	16:00	
	16:30	
	17:00	
SOCIAL	18:30-20:00	**TRIZ Future Conference Get-Together Event & Registration. Lappeenranta City Hall, city center (address: Villimiehenkatu 1)**

LOCATION OF SESSIONS ON 5.10. & 6.10.2017	
	Auditorium
	7343.1
	7343.2

5.10.2017

TYPE	START TIME		
	8:00	Bus transfer. Route: near Sokos Hotel Lappee/Kauppakatu - Scandic Hotel Patria - LUT	
GENERAL	8:30	REGISTRATION (Student Union Building)	
	9:00	CONFERENCE OPENING. President of ETRIA Prof. Pavel Livotov, LUT vice rector Prof. Jaana Sandström	
	9:30	KEYNOTE 1. Andrei A. Seryi, Director, John Adams Institute for accelerator science, University of Oxford "Evolution of scientific instruments & methodology of inventiveness in applications to science"	
BREAK	10:30	COFFEE BREAK (Student Union Hall)	
SESSIONS	11:00	Session Chairs: Denis Cavallucci and Tiziana Bertoncelli Sébastien Dubois, Hicham Chibane, Roland De Guio and Ivana Rasovska. *From simulation to contradictions, different ways to formulate innovation directions*	Session Chairs: Maksymilian Smolnik and Zhonghang Bai Toru Nakagawa (GU, Japan). *'Liberty vs. Love': The Principal Contradiction of Human Culture (2) The 'Liberty vs. Love' Contradiction and 'Ethics' at the Personal Level*
	11:20	Alexander Kashkarov. *Method and Software for Finding Latent Problems Based on the Analysis of the Model of the Cause-Effect Structure of the Processes of the System*	Manabu Sawaguchi and Heikan Izumi. *The Study of Effectiveness of TRIZ Tools for Kaizen Activities in Japan and Developing Countries*
	11:40	Pavel Livotov, Arun Prasad Chandra Sekaran, Richard Law, Mas'Udah and David Reay. *Systematic Innovation in Process Engineering: Linking TRIZ and Process Intensification*	Claudia Hentschel. *The 40 Inventive Principles to conduct negotiations - Strategies and tactics to solve conflicts in communication*

	12:00	Yuri Borgianni, Francesco Saverio Frillici and Federico Rotini. *How problems are solved in TRIZ literature: the need for alternative techniques to individuate the most suitable Inventive Principles*	Renan Favarão Da Silva and Marco Aurélio de Carvalho. *Is Anticipatory Failure Determination (AFD) effective for product reliability analysis?*
	12:20	Tiziana Bertoncelli, Francesco Papini, Kunal Goray and Oliver Mayer (GE). *Multiscreen Analysis for Team Strategy Development*	Maksymilian Smolnik. *A Comparative Analysis of Praxiological Networks and Selected IDEF Models*
	12:40	Xiaoguang Sun, Rémy Houssin, Jean Renaud, Mickaël Gardoni and Denis Cavallucci. *Innovative interaction design approach based on TRIZ separation principles and inventive principles*	Jianguang Sun, Kang Wang, Zhonghang Bai, Yu Wang and Runhua Tan (HEBUT, China). *TRIZ to support disruptive innovation of shared bikes in China*
BREAK	**13:00**	**LUNCH**	
SESSIONS	**14:00**	**KEYNOTE 2.** Simon Dewulf, CEO, AULIVE Co. **"BIG DATA for A.I. and BIG Patent DATA for Innovation Logic"**	
BREAK	**15:00**	**COFFEE BREAK (Galeria Hall)**	
SESSIONS	**15:30**	**Session Co-Chairs: Stelian Brad and Shqipe Buzuku** Ivan Renev, Leonid Chechurin and Elena Perlova. *Automation of conceptual design stage of framed buildings projects using TRIZ function modelling in BIM environment. A case study.*	**Session Co-Chairs: Sebastian Koziołek and Yuri Borgianni** Anna-Maija Nisula and Aino Kianto (LUT). *A comparison of two creativity methods for fostering participative innovation*
	15:50	Nikolai Efimov-Soini and Leonid Chechurin (LUT). *The method of the design improving by using the TRIZ function analysis and the trimming.*	Yuri Borgianni (FUoB, Italy). *A framework of forecasting techniques as a checklist to minimize the likelihood of product design failures*
	16:10	Shqipe Buzuku and Andrzej Kraslawski (LUT). *Optimization of morphological analysis through sensitivity analysis to support decision-making*	Sébastien Bach, Roland De Guio and Nathalie Gartiser. *Combining discrete event simulation, data analysis and TRIZ for fleet optimization*
	16:30	Shqipe Buzuku and Iuliia Shnai (LUT). *A systematic literature review of TRIZ used in Eco-Design*	Min-Gyu Lee (Q&M, Korea). *How to Generate Ideas Systematically from Function Analysis of an Inventive Problem*
	16:50	Mariia Kozlova, Leonid Chechurin and Nikolai Efimov-Soini (LUT). *Levelized function cost: economical consideration for design concept evaluation*	Marek Mysior, Sebastian Koziołek and Eugeniusz Rusiński. *Problem formulation of screw feeding system of fibrous materials using TRIZ*
	17:10	Stelian Brad and Emilia Brad. *Quantifying and Leading Innovation with TRIZ within Competitiveness Strategies*	Marek Mysior, Sebastian Koziołek, Bartosz Pryda, Robert Smirnow and Marek Robak. *Forecasting of product and technology development using heuristic-systematic approach*
	18:00	**Bus transfer. Route: LUT - Sokos Hotel Lappee - Scandic Hotel Patria**	

		6.10.2017		
TYPE	**START TIME**			
	8:30	Bus transfer. Route: near Sokos Hotel Lappee/Kauppakatu - Scandic Hotel Patria - LUT		
	8:30	REGISTRATION (Student Union Building)		
SESSION	9:00	KEYNOTE 3. Samuli Kortelainen, LUT and SimAnalytics Oy, CEO. "Big data, simulation models in management and business analytics"		
BREAK	10:00	COFFEE BREAK (Galeria Hall)		
SESSIONS	11:00	Session Co-Chairs: Oleg Abramov and Mas'udah Oleg Abramov, Sergey Markosov and Alexander Medvedev. *Experimental Validation of Quantum-Economic Analysis (QEA) as a Tool for New Product Development*	Session Co-Chairs: Kiyohisa Nishiyama and Iuliia Shnai Behrooz Khademi, Kalle Elfvengren and Leonid Chechurin (LUT). *TRIZ popularity, challenges and strategies to make it work in Finland*	
	11:20	Oleg Abramov. *Generating New Product Ideas with TRIZ-derived 'Voice of the Product' and Quantum-Economic Analysis (QEA)*	Iuliia Shnai (LUT). *Higher education classroom re-design via TRIZ: case study*	
	11:40	Markku Ohenoja and Marko Paavola. *Control design tools for intensified solids handling processes*	Nienke Nijenhuis (UoT, Holland). *Developing a method to aid engineers in finding solutions for functional problems*	
	12:00	Pei Zhang, Sarra Ghabri and Denis Cavallucci. *Can Altshuller's matrix be skipped using CBR and Semantic Similarity reasoning?*	Teemu Toivonen. *Trimming in the context of IT-services*	
	12:20	Remy Houssin, Amadou Coulibaly, Denis Cavallucci and Jean Renaud. *TRIZ to resolve socio-technical contradictions within the product usage integration in design*	Kiyohisa Nishiyama, Leleito Emanuel and Nobuaki Sakai. *Application of TRIZ Concepts to University Career Development Education*	
	12:40	Pavel Livotov, Mas'udah, Arailym Sarsenova and Arun Prasad Chandra Sekaran. *Identification of Secondary Problems of New Technologies in Process Engineering by Patent Analysis*	Markku Ohenoja and Marko Paavola. *Control design tools for intensified solids handling processes*	
BREAK	13:00	LUNCH		
SESSIONS	14:00	Round Table (TBD)	Round Table (TBD)	"*Invent Natuarlly*" Biomimetic trail Official opening. By Maria Kozlova. Requirements: prepare for a walk thru forest.

BREAK	**15:00**	**COFFEE BREAK (Galeria hall)**		
SESSIONS	**15:30**	**Workshop "Nano-Creativity. Bottom-up vs top-down approach in nano-electronics conceptual design" by M.Kaliteevskiy (Ioffe PhysTech Institute, RU)**	**Why TRIZ is growing in China? Moderated by Dr. Zhonghang Bai, HEBUT**	**ETRIA board meeting**
	17:00	**ETRIA members meeting**		
	18:00	**Bus transfer. Route: LUT - Sokos Hotel Lappee - Scandic Hotel Patria**		
SOCIAL	**19:00**	**GALA DINNER, Conference closing (restaurant Kehruuhuone, city center, address: Kristiinankatu 20)**		