

PERSONAL INFORMATION

First name / Surname **Dzmitry KUCHARAVY**
Date of birth January 7, 1965
Nationality France

Address 3 rue de Philippe-Jacques de Louthembourg
67000 STRASBOURG, France

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WORK EXPERIENCE

Dates	2016 – 2022
Occupation or position held	researcher @ HUMANIS/EM-Strasbourg, part time lecturer
Main activities and responsibilities	Researcher in production engineering, technology forecasting and technology management, <i>Supply Chain management</i>
Name and address of employer	EM Strasbourg Business School, Université de Strasbourg, HuManiS (UR 7308), 61 avenue de la Forêt-Noire, F-67085 Strasbourg Cedex, France
Type of business or sector	a higher education business school and university. Industrial consulting
Dates	July 2015 –
Occupation or position held	part time lecturer
Main activities and responsibilities	contract professor for the course <i>095118 - Technology Forecasting and Researching Future</i>
Name and address of employer	Politecnico di Milano, Department of Mechanical Engineering, Via G. La Masa, 1, 20156 Milano - Italy
Type of business or sector	a higher education school of engineers and architects
Dates	2017 – 2022
Occupation or position held	part time lecturer
Main activities and responsibilities	IPI - Inventive problems solving course, Innovation and Strategy course; EC05 - LeanQua – LEAN, EC07 – Innovation & Conception - Functional analysis
Name and address of employer	ECAM Strasbourg-Europe, 2, rue de Madrid, CS 20013, 67012 STRASBOURG – France
Type of business or sector	a higher education engineering school
Dates	July 2013 – July 2015
Occupation or position held	Research Fellow
Main activities and responsibilities	development of methodology for FOrecast and Roadmapping for MAnufacturing Technologies, European R&D Project;
Name and address of employer	Politecnico di Milano, Department of Mechanical Engineering, Via G. La Masa, 1, 20156 Milano - Italy
Type of business or sector	a higher education school of engineers and architects
Dates	January 2013 –
Occupation or position held	Independent Consultant / Freelance Researcher
Main activities and responsibilities	inventive problem solving; development of new products and services; development of technology forecasts for strategic decision-making
Name and address of employer	Seecore Project
Type of business or sector	Industrial consulting, Science & Technology, Education & Training

Dates	September 2001 – December 2012
Occupation or position held	research engineer, lecturer, consultant
Main activities and responsibilities	researcher, OTSM-TRIZ-consultant ¹ and trainer, R&D projects for inventive problem solving, methodological support for technology forecasting projects
Name and address of employer	INSA Strasbourg - Graduate School of Science and Technology 24, bd de la Victoire, 67084 Strasbourg
Type of business or sector	a higher education school of engineers and architects
Dates	June 1998 – August 2001
Occupation or position held	consultant, lecturer
Main activities and responsibilities	TRIZ-consultant and trainer in inventive problem solving in border of 6 sigma team of Total Quality Management BU
Name and address of employer	LG Production engineering Research Center of LG Electronics (LG-PRC) Pyungtaek-Si, Kyungki-do, South Korea
Type of business or sector	R&D of production technology (factory automation, system engineering etc.)

EDUCATION AND TRAINING

Dates	1983-1988
Title of qualification awarded	Master of Science in Mechanical Engineering (19/05/2021 - certificate of comparability 681343: French nomenclature of training levels – I; European Qualifications Framework (EQF) – 7)
Principal subjects/occupational skills covered	- manufacturing engineering, design of metal-cutting equipment. - research methods, industrial engineering.
Name and type of organisation providing education and training	Belarusian State Polytechnics Institute, Minsk, USSR (at present: Belarusian National Technical University, 65, Nezavisimosty av. 220013, Minsk, Belarus)

PERSONAL SKILLS AND COMPETENCES

Mother tongue(s) **Russian, Belarus**

Other language(s)

Self-assessment

European level (*)

English

French

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user
B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user

(*) [Common European Framework of Reference for Languages \(CEFR\)](#)

Social skills and competences

- team work: work in various types of R&D teams
- ability to adapt to multicultural environments, gained through work experience in various countries
- running trainer for middle- and long-distance (FFA diploma), running judge (FFA diploma)

Organisational skills and competences

- experience in project management, gained across consulting projects.
- experience in designing, organizing and conducting training courses

¹ R&D projects 2001-2010 at STEELCASE, GAGGENAU, European Institute for Energy Research by EDF and KIT (EIFER), Faurecia, Cebal, Miroiterie HIRTZ, ESSILOR, EADS-Eurocopter, COOLTECH, SOPREMA, SPERIAN, LAFARGE and others.

Other skills and competences

- expertise in the Theory of Inventive Problem Solving (TRIZ) and its applications to:
 - analysis of technologies and engineering problems.
 - technological forecast and researching future.
 - coaching and teaching in technological forecasting and inventive problem solving.
- more than 30-year experience in TRIZ as researcher, consultant, and lecturer.
- in 2001 was awarded by Vice President of LG Electronics, Mr. JUNG, Jang-Woo for the work as consultant and trainer at LG-PRC;
- co-editor of website: www.trizminsk.org and editor of website: www.seecore.org

ADDITIONAL INFORMATION

SELECTED PUBLICATIONS:

1. Kucharavy, D., Damand, D., Chehbi-Gamoura, S., Barth, M., & Mornay, S. (2020). Entrepôt du futur : le concept de cartographie de contradictions. *Logistique & Management*, 28(1), 48–56. <https://doi.org/10.1080/12507970.2019.1686436>
2. Kucharavy, Dmitry, David Damand, Marc Barth, and Ridha Derrouiche. 2018. "Collaborative Design of Warehousing 4.0 Using The Concept of Contradictions." In *Collaborative Networks of Cognitive Systems*, edited by Luis M. Camarinha-Matos, Hamideh Afsarmanesh, and Yacine Rezgui, 396–405. Cardiff, UK: Springer.
3. Cascini, Gaetano, Niccolò Becattini, Igor Kaikov, Sebastian Koziolk, Dmitry Kucharavy, Christopher Nikulin, Pierluigi Petrali, et al. 2015. "FORMAT - Building an Original Methodology for Technology Forecasting through Researchers Exchanges between Industry and Academia." *Procedia Engineering* 131: 1084–1093. doi:10.1016/j.proeng.2015.12.426.
4. Kucharavy, D., & De Guio, R. (2008). Technological Forecasting and Assessment of Barriers for Emerging Technologies. In *IAMOT 2008* (p. 20). <http://hal.archives-ouvertes.fr/hal-00282751/en/>

details:

<https://www.seecore.org/id4-01.htm>

publications:

<https://www.seecore.org/id1.htm>