

KATERYNA KONONOVA

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EMPLOYMENT:

2001-present	Karazin Kharkiv National University, Prof.	Ukraine
2014-present	Singularex Inc. R&D Director	Ukraine

EDUCATION:

2012-2017	Vadym Getman Kiev National University of Economics D.Sc., Economic Sciences	Ukraine
2000-2002	Simon Kuznets Kharkiv National University of Economics Ph.D., Economics and Mathematical Modeling	Ukraine
1994-1999	Karazin Kharkiv National University M.S., Economic Cybernetics	Ukraine

RESEARCH EXPERIENCE:

2017-present	Deep Learning for image recognition
2016-present	Natural Language Processing for commercial and ideological rhetoric detection and analysis
2015-present	Machine Learning in commercial applications: Regression (for financial and production planning), Classification (for scoring and risk management), and Cluster Analysis (for better understanding of the audience)
2014-present	Social Media Mining for users' behavior analysis and threat detection
2016-2018	Trust as a factor of socio-economic growth in Information Economics
2013-2015	Modeling of innovation development using a behavioral approach
2010-2012	Information Economics Modeling
2007-2009	Application of the evolutionary approach in economic modeling
2004-2006	Behavior modeling of economic agents

SPECIFIC EXPERIENCE:

2015-present	CA COST Action CA15140 - "Improving Applicability of Nature- Inspired Optimisation by Joining Theory and Practice (ImAppNIO)"	EU
2015-present	Erasmus+ project (KA107) 2016-1-ES01-KA107-023474	Spain
02-04.2013	Training and Research Program in the area of Mathematical and Computer Modeling	Spain
2004-2005	REAP International Project	UK
2001-2003	Tempus-Tacis Joint Educational Project	EU

MONOGRAPHS

- Teperik D., Senkiv G., Bertolin G., Kononova K., Dek A.* (2018) Virtual Russian World in the Baltics, <https://www.stratcomcoe.org/virtual-russian-world-baltics>
- Bay S., Bertolin G., Biteniece N., Christie E., Dek A., Fredheim R., Gallacher J., Kononova K., Marchenko T.* (2019) Responding to Cognitive Security Challenges, <https://www.stratcomcoe.org/responding-cognitive-security-challenges>
- Kononova K.* (2015) Informational economics: evolutionary processes modelling. Karazin Kharkiv National University, 312

BOOK CHAPTERS (recent):

- Kononova K., Hadetskyi V.* (2018) M&A in ICT Sector: Methodology of Parameters Analysis. In: Karasavoglou A., Goić S., Polychronidou P., Delias P. (eds) Economy, Finance and Business in Southeastern and Central Europe. Springer Proceedings in Business and Economics. Springer, Cham, 863-876, https://doi.org/10.1007/978-3-319-70377-0_59
- Kononova K.* (2015) Techno-economic development: Modeling and control. Current Problems of Management of Modern Organizations in Poland and in Ukraine / ed. A. Stankiewicz-Mróz. Lodz University of Technology, 89-108

JOURNAL ARTICLES (recent):

- Kononova K., Dek A.* (2019). Bitcoin mining electricity consumption and carbon footprint. *Rivista di Studi sulla Sostenibilita.* 2, 73-88
- Merkulova T., Kononova K., Deyneka M.* (2018). Income inequality influence on economic growth and sustainable development. *Rivista di Studi sulla Sostenibilita,* 2, 27-43. DOI: 10.3280/RISS2018-002003
- Merkulova T., Kononova K., Titomyr O.* (2017). Development trends of circular economy: Case study of Ukraine. *Rivista di Studi sulla Sostenibilita.* DOI10.3280/RISS2017-002005
- Kononova K., Dek A., Shpakovych M.* (2017) Modeling of Posting Behavior in Social Media. CEUR Workshop Proceedings, Vol-2030, urn:nbn:de:0074-2030-3, 837-849
- Kononova K., Dek A.* (2016) Financial time series forecasting: semantic analysis of economic news. *Neuro-Fuzzy Modeling Techniques in Economics,* 5, 81-92

MEMBER OF THE EDITORIAL BOARDS:

- Rivista di Studi sulla Sostenibilita
Bulletin of V. N. Karazin Kharkiv National University, Economic Series
Neuro-Fuzzy Modeling Techniques in Economics

MEMBER OF THE SCIENTIFIC COMMITTEE IN CONFERENCES:

- 5th - 7th International Conference on Information and Communication Technologies in Agriculture, Food and Environment (HAICTA)
- 2nd - 6th International Conference "The Economies of Balkan and Eastern Europe Countries in the Changed World" (EBEEC)

PROFESSIONAL AFFILIATIONS:

- Ukrainian Association of Economic Cybernetic (NGO)

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