

Since 1997

Published quarterly



2017

The scientific and practical journal "Economy of Industry" has been publishing since 1997 The certificate of the journal state registration is KB No. 3083 dated 25.02.1998 The journal is published quarterly

The journal is included in the List of specialized scientific editions of Ukraine (in accordance with the Order of the Ministry of Education and Science of Ukraine of October 24, 2017 No. 1413)

ISSN 1562-109X (Print) ISSN 2306-532X (Online)

The Journal is registered in the International Center of periodicals (ISSN International Center, Paris)

The journal "Economy of Industry" is indexed in the Ukrainian nationwide abstract database "Ukrayinika naukova" and is offered in the Scientific electronic library of periodicals of the NAS of Ukraine. The periodical is offered also in to the global electronic library of science periodicals EBSCO Publishing, in to the Ulrich's Periodicals Directory and also in the world's largest network of library content and services WorldCat. The journal is indexed by the scientometric base Index Copernicus (Warsaw, Poland). Since November 2011 the journal has been including into the International Scientometric Database "Scientific Electronic Library E-Library.Ru (the Russian Science Citation Index – RSCI)". The periodical is indexed in the freely accessible search system GoogleScholar. Since 2013 the journal is indexed in the Scientometric Database: DRJI (Directory of Research Journals Index) and Research Bible (Tokyo, Japan). The journal is included in to the Citefactor service that provides access to quality controlled Open Access Journals and in to the reference database of the European Reference Index for the Humanities and the Social Sciences (ERIH PLUS).

The NAS of Ukraine, The Institute of Industrial Economics, The Institute of Regional Researches E-mail:

RPokotylenko@econindustry.org, admin@ econindustry.org. Web: www.econindustry.org. Web: iep.donetsk.ua **The address of the editorial office:** 2 Gelabov Str., Kyiv, Ukraine, 03680 **Tel.**: 38(044) 200-55-71. **Mobile tel.**: 38(095) 291-03-11

Editorial Council:

AMOSHA O.I. (Chairman of the Editorial Council, Academician of the NAS of Ukraine, Institute of Industrial Economics of NAS of Ukraine), GEETS V.M. (Academician of the NAS of Ukraine, Institute of Economics and Forecasting of the NAS of Ukraine), LIBANOVA E.M. (Academician of the NAS of Ukraine, Institute of Demography and Social Studies named after M.V. Ptukha of the NAS of Ukraine), MAMUTOV V.K. (Academician of the NAS of Ukraine, Institute of Economic and Legal Studies of the NAS of Ukraine), VISHNEVSKY V.P. (Academician of the NAS of Ukraine, Institute of Industrial Economics of NAS of Ukraine), MAKOGON Yu.V. (Doctor of Economics, Professor, Donetsk National University), DEMENTIEV V.V. (Doctor of Economics, Professor, Financial University under the Government of the Russian Federation), POGORLETSKIY A.I. (Doctor of Economics, Associate Professor, St. Petersburg State University, Russia), MAYBU-ROV I.A. (Doctor of Economics, Professor, Ural Federal University named after the First President of Russia Boris Yeltsin, Russia), PAYONK K. (Doctor of Economics, Professor, Poznań University of Economics and Business, Poland).

Editorial Board:

VISHNEVSKY V.P. (Chief Editor, Member of the Editorial Council, Academician of the NAS of Ukraine, Institute of Industrial Economics of NAS of Ukraine), BULEEV I.P. (Deputy Chief Editor, Doctor of Economics, Professor, Institute of Industrial Economics of NAS of Ukraine), POKO-TYLENKO R.V. (Deputy Chief Editor, Managing Editor, PhD in Economics, Institute of Industrial Economics of NAS of Ukraine), KHARAZISHVILI Yu.M. (Doctor of Economics, Institute of Industrial Economics of NAS of Ukraine), LYASHENKO V.I. (Doctor of Economics, Institute of Industrial Economics of NAS of Ukraine), NOVIKOVA O.F. (Doctor of Economics, Professor, Institute of Industrial Economics of NAS of Ukraine), ALEXANDROV I.O. (Doctor of Economics, Professor, Odessa National Polytechnic University), ANTONYUK V.P. (Doctor of Economics, Professor, Institute of Industrial Economics of NAS of Ukraine), ZALOZNOVA Yu.S. (Doctor of Economics, Institute of Industrial Economics of NAS of Ukraine), ZEMLYANKIN A.I. (PhD in Economics, Institute of Industrial Economics of NAS of Ukraine), ZBARAZSKA L.O. (PhD in Economics, Institute of Industrial Economics of NAS of Ukraine). SOLDAK M.O. (PhD in Economics, Institute of Industrial Economics of NAS of Ukraine), GARKUSHENKO O.M. (Secretary of the Editorial Board, PhD in Economics, Institute of Industrial Economics of NAS of Ukraine).

Articles for publication in the scientific and practical journal are selected under the terms of competition by the results of internal and external reviewing. The authors of the articles are fully responsible for accuracy of facts, dates, titles, proper names, data, and quotations. The publisher may not share the opinions expressed in articles, and does not assume any obligations concerning authors' points of view. Reprints and translations are allowed only in the consent of the author and publisher. Materials are printed in the source language.

The issue is approved for publication by the Academic Council of the The Institute of Industrial Economics of NAS of Ukraine (protocol No. 12 dated 30.11.2017) © The Institute of Industrial Economics of NAS of Ukraine © Economy of Industry, 2017

CONTENTS

PROBLEMS OF STRATEGY DEVELOPMENT, FINANCIAL AND ECONOMIC REGULATION IN INDUSTRY

Kniaziev S.I. Development of smart industry as an efficient way to implement	
the policy of neoindustrialization in the world	5
Madykh A.A., Okhten O.O., Dasiv A.F. Analysis of the world experience of	
economic and mathematical modeling of smart enterprises	19

PROBLEMS OF ECONOMY OF INDUSTRIAL ENTERPRISES AND MANUFACTURING COMPLEXES

Kravchenko O.O. Analysis of the financial risks of the ukrainian railway ransport		
	47	
Cherevatskyi D.Yu., Atabyekov O.I. Industrial integrated structures as robinson		
crusoe economies	63	
MACROECONOMIC AND REGIONAL PROBLEMS		

OF INDUSTRIAL DEVELOPMENT

Vishnevsky V.P., Shelud`ko N.M. World monetary centres at the stage of global	
financial instability: risks, challenges and perspectives	75

SOCIAL AND ECONOMIC PROBLEMS OF INDUSTRIAL DEVELOPMENT

Petyuh V.M., Schetinina L.V., Zinchenko O.M. The professional personnel	
development provision as a component of the decent work concept	. 97

— Економіка промисловості 🗇 Economy of Industry –

- Економіка промисловості 🗇 Economy of Industry —