



50 ЛЕТ
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Свердловский областной
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ОБЩЕСТВЕННАЯ ПАЛАТА
СВЕРДЛОВСКОЙ ОБЛАСТИ

III International Scientific Conference

DIGITAL TRANSFORMATION IN INDUSTRY: TRENDS, MANAGEMENT, STRATEGIES - 2021



CONFERENCE AGENDA

Purpose of the conference: assessment of trends and prospects for digital transformation in industry and industrial markets; understanding of mechanisms for digitalization processes; substantiation of successful digital transformation strategies for industries and industrial enterprises.

The 2021 conference will **focus** on digital industrial design and modeling, as well as on the analysis of technological trends and economic effects of introducing digital twins of equipment, technological processes and industrial products.

OCTOBER, 29
2021





The conference includes **business and scientific modules**.


The business part covers the best practices for the implementation of digital design and modeling at industrial enterprises.

The scientific part includes a plenary session "Digital twins and the best regional practices for digital transformation in industry" and scientific sections.

The Conference scope:

- digital twins in industrial sectors;
- best regional practices for digital transformation in industry;
- economic barriers to the development of digital design and modeling;
- market analysis of digital solutions for industry;
- digital design technologies for the development of competitiveness of products and enterprises;
- digital twin-driven product design, manufacturing and service;
- digital twin and big data towards smart manufacturing;
- digital transformation strategies of industrial companies;
- organizational and financial mechanisms for supporting digital transformation in industry;
- effects of industrial digital transformation on society and environment;
- HR and personnel for Industry 4.0;
- etc.

Experts in the field of economic, technical and engineering sciences are invited to participate in the Conference.



BUSINESS SESSION: Digital Twins as the Basis for Digital Transformation of Business Models in Industry

29 OCTOBER 2021, 10:00-12:00 (Ekaterinburg Time) UTC+5

Language of the Business Session: Russian

**Conference Hall of the Institute of Economics of the Ural Branch of RAS, 3rd floor
(29, Moskovskaya St., Ekaterinburg, Russian Federation)**

Zoom link:

<https://us02web.zoom.us/j/81844370059?pwd=R0h4WmIRdVUrZlJRTzIYbmx5Q25qUT09>

MODERATOR:

YULIA LAVRIKOVA, Dr. Sci. (Econ.), Director of the Institute of Economics of the Ural Branch of RAS (Ekaterinburg, Russian Federation)

SPEAKERS:

MIKHAIL PONOMARKOV, Minister of Digital Development and Communications of the Sverdlovsk Region (Ekaterinburg, Russian Federation)

ALEXANDER PORODNOV, First Vice President of the Sverdlovsk Regional Union of Industrialists and Entrepreneurs (Ekaterinburg, Russian Federation)

ROMAN KISLOV, First Deputy Director of "Operator of Electronic Government" (Ekaterinburg, Russian Federation)

ALEXEY BOROVKOV, Vice Rector for Digital Transformation of the Peter the Great St.Petersburg Polytechnic University (SPbPU), Head of the World-class Scientific Center "Advanced Digital Technologies", Head of the Competence Center of the National Technological Initiative of SPbPU "New Production Technologies" and Head of the Engineering Center (CompMechLab®) of SPbPU (Saint Petersburg, Russian Federation)

VITALY BALANCHUK, Head of the Engineering Center of High-Tech Technopark "Universitetsky" of the Sverdlovsk Region (Ekaterinburg, Russian Federation)

ALEXANDER LIKHACHEV, Head of the Digital Transformation Department of the Engineering Center of Digital Machine Building Technologies, Ural Federal University (Ekaterinburg, Russian Federation)

VLADIMIR ZHURAKHOVSKY, General Director of the PLM Ural, Ltd. (Ekaterinburg, Russian Federation)



ANDREY MISYURA, General Director of the JSC "Scientific and Production Association of Automation named after Academician N.A. Semikhatova" (Ekaterinburg, Russian Federation)

ROSA GABDULLINA, Regional Director of "Intellectual Infrastructure" Siemens Branch in the Urals Federal District (Ekaterinburg, Russian Federation)

ANDREY SHULGIN, Director for Digital Transformation of JSC "Interregional Distribution Grid Company of Urals" (Ekaterinburg, Russian Federation)

ANDREY LOGINOV, Technical Director of "A7 Systems", Ltd. (Saint Petersburg, Russian Federation)

BREAK 12:00-12:30

SCIENTIFIC PLENARY SESSION: Digital twins and the best regional practices for digital transformation in industry

29 OCTOBER 2021, 12:30-14:30 (Ekaterinburg Time) UTC+5

Languages of the Scientific Plenary Session: Russian, English
Simultaneous interpretation is provided.

**Conference Hall of the Institute of Economics of the Ural Branch of RAS, 3rd floor
(29, Moskovskaya St., Ekaterinburg, Russian Federation)**

Zoom link:

<https://us02web.zoom.us/j/81844370059?pwd=R0h4WmIRdVUrZlJRTzIYbmx5Q25qUT09>


MODERATOR:

VICTORIA AKBERDINA, Dr. Sci. (Econ.), Corresponding Member of RAS, Deputy Director of the Institute of Economics of the Ural Branch of RAS (Ekaterinburg, Russian Federation)

SPEAKERS:

VIKAS KUMAR, PhD, Professor, University of the West of England - Bristol Business School, (Bristol, United Kingdom)
Future of Supply Chains-The Role of Digital Twins (EN)

MIKHAIL SAMOSUDOV, Dr. Sci. (Econ.), Professor of the Department of Corporate Governance, State University of Management (Moscow, Russian Federation)
Digital twin of a social system: a creation methodology and its applicability in enterprise management and economics (RU)



SVETLANA TSOHLA, Dr. Sci. (Econ.), Head of the Department of Entrepreneurial Activity Management, Taurida Academy of V. I. Vernadsky Crimean Federal University (Simferopol, Russian Federation)

NATALIA SIMCHENKO, Dr. Sci. (Econ.), Head of the Department of Economic Theory, Institute of Economics and Management of V. I. Vernadsky Crimean Federal University (Simferopol, Russian Federation)

Digital twins in the industry economic development (RU)

EKATERINA SYCHEVA, Cand. Sci. (Econ.), Associate Professor, Department of Economics, Saint Petersburg State University of Civil Aviation (Saint Petersburg, Russian Federation)

POLINA SHPAK, Department of Economics, Saint Petersburg State University of Civil Aviation (Saint Petersburg, Russian Federation)

Practical application of the digital twin concept in the aviation sector (RU)

LAURA BRAVI, PhD, Researcher, Carlo Bo University of Urbino (Urbino, Italy)

GIONATA MORELLI, Student, Carlo Bo University of Urbino (Urbino, Italy)

FABIO MUSSO, Dr., Professor, Carlo Bo University of Urbino (Urbino, Italy)

FEDERICA MURMURA, Dr., Associate Professor, Carlo Bo University of Urbino (Urbino, Italy)

Knowledge Analysis on the Industry 4.0 Diffusion in Italian Manufacturing: Opportunities and Threats (EN)

EKATERINA POTAPTSEVA, Cand. Sci. (Econ.), Senior Research Associate, Center of Structural Policy, Institute of Economics of the Ural Branch of RAS (Ekaterinburg, Russian Federation)

Industry digitalization: experience of Germany (RU)

ANG LIU, PhD, Professor, The University of New South Wales (Sydney, Australia)

Digital Twin driven Product Design (EN)

REYNALDO RUBEM FERREIRA JUNIOR, Professor, Dr., Universidade Federal de Alagoas (Alagoas, Brazil)

JOAQUIM RAMOS SILVA, PhD, Professor, Department of Economics and CSG/SOCIUS, School of Economics and Management, Universidade de Lisboa (Lisbon, Portugal)

LUCIANA PEIXOTO SANTA RITA, PhD, DBA, Universidade Federal de Alagoas (Alagoas, Brazil)

Best regional practices for digital transformation in industry: The Case of the Industry 4.0 Program in Portugal

ANDREY VLASOV, Cand. Sci. (Eng.), Associate Professor, Deputy Head for Scientific Work of the IU-4 Department, Bauman Moscow State Technical University (Moscow, Russian Federation)

ALEXANDER NAUMENKO, PhD Student, Researcher, Bauman Moscow State Technical University (Moscow, Russian Federation)

Analysis of visual modeling tools for complex production systems (RU)



CAROLINA BANDEIRA, University of Coimbra (Coimbra, Portugal)
JOÃO BARATA, PhD, Professor, University of Coimbra (Coimbra, Portugal)
NUNO ROQUE, Portuguese Association of the Refrigeration and Air Conditioning (Lisbon, Portugal)
Architecting Digital Twin-Driven Transformation in the Refrigeration and Air Conditioning Sector (EN)

BREAK 14:30-15:00

SCIENTIFIC SECTION 1: Digital solutions in industrial and economic sectors

29 OCTOBER 2021, 15:00-17:00 (Ekaterinburg Time) UTC+5

Languages of the Scientific Section: Russian, English
Simultaneous interpretation is provided.

Conference Hall of the Institute of Economics of the Ural Branch of RAS, 3rd floor (29, Moskovskaya St., Ekaterinburg, Russian Federation)

Zoom link:

<https://us02web.zoom.us/j/81844370059?pwd=R0h4WmlRdVUrZlJRTzIYbmX5Q25qUT09>

MODERATOR:

GRIGORY KOROVIN, Cand. Sci. (Econ.), Head of the Sector of Economic Problems of Sectoral Markets, Institute of Economics of the Ural Branch of RAS (Ekaterinburg, Russian Federation)

SPEAKERS:

WADIM STRIELKOWSKI, PhD, Prof., University of California (Berkeley, USA)

GORDON RAUSSER, PhD, University of California (Berkeley, USA)

EVGENY KUZMIN, Researcher (Academic), Institute of Economics of the Ural Branch of RAS (Ekaterinburg, Russia)

Digital revolution in the energy sector: using digital twins technology for the enhancement of smart grids (EN)

ALEXEY TYAPUKHIN, Dr. Sci. (Econ.), Professor, Director of the Orenburg Affiliation of the Institute of Economics of the Ural Branch of RAS (Ekaterinburg, Russian Federation)

ZHANNA ERMAKOVA, Dr. Sci. (Econ.), Professor, Corresponding Member of RAS, Head of the Department of Banking and Insurance, Orenburg State University (Orenburg, Russian Federation)

Features, structure and digitalization of supply chain management objects (RU)



XUAN WANG, School of Management, University of Bristol (Bristol, United Kingdom)

VIKAS KUMAR, PhD, Professor, University of the West of England - Bristol Business School, (Bristol, United Kingdom)

ARCHANA KUMARI, MBE, Lecturer, Gloucestershire Business School University of Gloucestershire (Gloucester, United Kingdom)

EVGENY KUZMIN, Researcher (Academic), Institute of Economics of the Ural Branch of RAS (Ekaterinburg, Russia)

The Impact of Digital Technology on Supply Chain Efficiency in Manufacturing Industry (EN)

CARSTEN DECKERT, Dr.-Ing., Prof., Düsseldorf University of Applied Sciences (Düsseldorf, Germany)

JANNIK KALEFELD, Atlas Copco Tools Central Europe GmbH (Essen, Germany)

MARTIN KUTZ, Atlas Copco Tools Central Europe GmbH (Essen, Germany)

Business Modell Innovation for Digital Transformation (DE)

LAURA BRAVI, PhD, Researcher, Carlo Bo University of Urbino (Urbino, Italy)

FEDERICA MURMURA, Dr., Associate Professor, Carlo Bo University of Urbino (Urbino, Italy)

GILBERTO SANTOS, Professor, PhD, Polytechnic Institute of Cavado and Ave (Barcelos, Portugal)

Economic, Environmental, Quality and Organizational implications of implementing Additive Manufacturing in the Wood-Furniture Sector (EN)

MIKHAIL PETROV, Dr. Sci. (Eng.), Professor, Head of the Center for Development and Location of Productive Forces, Institute of Economics of the Ural Branch of RAS (Ekaterinburg, Russian Federation)

Intellectualization of the car fleet as a stage in the creation of a digital railway: trans-temporal effects (RU)

KONSTANTIN KOZHOV, Cand. Sci. (Eng.), Senior Researcher, Center for the Development and Placement of Productive Forces, Institute of Economics of the Ural Branch of RAS (Ekaterinburg, Russian Federation)

LEONID SERKOV, Cand. Sci. (Physical and Mathematical Sciences), Senior Researcher, Center for the Development and Placement of Productive Forces, Institute of Economics of the Ural Branch of RAS (Ekaterinburg, Russian Federation)

Digital solutions in the field of transport rail freight (RU)

DMITRIY SIROTIN, Cand. Sci. (Econ.), Institute of Economics of the Ural Branch of RAS (Ekaterinburg, Russian Federation)

OLGA ROMANOVA, Dr. Sci. (Econ.), Institute of Economics of the Ural Branch of RAS (Ekaterinburg, Russian Federation)

Prerequisites for achieving digital maturity of Russian metallurgy (RU)



ANASTASIA NIKITAEVA, Dr. Sci. (Econ.), Professor, Head of the Department of Information Economics, Southern Federal University (Rostov-on-Don, Russia)

ROMAN SERDYUKOV, B.S., Master student, Trainee Researcher, Southern Federal University (Rostov-on-Don, Russia)

Digital ecosystems in industry: conceptualization and strategic aspects of development (EN)

ELENA ANDREEVA, Dr. Sci. (Econ.), Professor of RAS, Head of the Center of Regional Comparative Research, Institute of Economics of the Ural Branch of RAS (Ekaterinburg, Russian Federation)

ARTEM RATNER, Cand. Sci. (Econ.), Senior Research Associate, Center of Regional Comparative Research, Institute of Economics of the Ural Branch of RAS (Ekaterinburg, Russian Federation)

KSENIYA PODKINA, Economist, Center of Regional Comparative Research, Institute of Economics of the Ural Branch of RAS (Ekaterinburg, Russian Federation)

Regional specialization on neo-industrial (including digital) export: methodological assessment (RU)

ANNA BARYBINA, PhD Student, Research, Center of Structural Policy, Institute of Economics of the Ural Branch of RAS (Ekaterinburg, Russian Federation)

Industry disrupts as a consequence of the development of digital platforms in industry (RU)

BREAK 17:00-17:30

SCIENTIFIC SECTION 2: Impact of Digital Solutions in Industry on the Competitiveness of Companies and Industries

29 OCTOBER 2021, 17:30-19:30 (Ekaterinburg Time) UTC+5

Languages of the Scientific Section: Russian, English

Simultaneous interpretation is NOT provided.

Conference Hall of the Institute of Economics of the Ural Branch of RAS, 3rd floor (29, Moskovskaya St., Ekaterinburg, Russian Federation)

Zoom link:

<https://us02web.zoom.us/j/81844370059?pwd=R0h4WmlRdVUrZlJRTzIYbmx5Q25qUT09>

MODERATOR:

GRIGORY KOROVIN, Cand. Sci. (Econ.), Head of the Sector of Economic Problems of Sectoral Markets, Institute of Economics of the Ural Branch of RAS (Ekaterinburg, Russian Federation)



SPEAKERS:

ALBERTO CEREZO-NARVÁEZ, Dr. Sci., Prof., University of Cadiz (Cadiz, Spain)

MANUEL OTERO-MATEO, PhD, Prof., University of Cadiz (Cadiz, Spain)

ANDRÉS PASTOR-FERNÁNDEZ, PhD, University of Cadiz (Cadiz, Spain)

JOSÉ SÁNCHEZ-RAMOS, Professor, University of Seville (Seville, Spain)

PABLO BALLESTEROS-PÉREZ, PhD, Prof., Msc Construction and Project Management, Universitat Politècnica de València (Valencia, Spain)

A Proposal for Sustainable Public Lighting Infrastructure. A Case Study (EN)

ALEXANDER MOKRONOSOV, Dr. Sci. (Econ.), Ural State University of Economics (Ekaterinburg, Russian Federation)

NIKOLAY MIKHAYLOV, Ural State University of Economics (Ekaterinburg, Russian Federation)

Energy efficiency management of heat supply in the digital economy (RU)

YAN ZHAOQIANG, PhD, Southern Federal University (Rostov-on-Don, Russia)

Theoretical Framework of Business Model Innovation Exploration for Circular Development (EN)

MARCO AFONSO NUNES, PhD, Tetra Pak (Reinbek, Germany)

ANTÓNIO ABREU, PhD, Prof., Instituto Politécnico de Lisboa (Lisboa, Portugal)

JELENA BAGNJUK, M.Sc., University Medical Center -Eppendorf (Hamburg, Germany)

CÉLIA SARAIVA, PhD Candidate, Universidade de Trás-os-Montes e Alto Douro (Vila Real, Portugal)

HELENA VIANA, M.Sc, Commodity & Services Buyer at Supply Chain Department – BorgWarner (Lanheses, Portugal)

Integrating a project risk model into a BI architecture (EN)

VITOR ANES, PhD, Professor, Instituto Superior de Engenharia de Lisboa (Lisboa, Portugal)

ANTÓNIO ABREU, PhD, Professor, Instituto Superior de Engenharia de Lisboa (Lisboa, Portugal)

ANA DIAS, PhD, Professor, Instituto Politécnico de Lisboa (Lisboa, Portugal)

PEDRO CARMONA, PhD, Professor, Universidad de Burgos (Burgos, Spain)

TERESA MORGADO, PhD, Professor, Polytechnic Institute of Tomar (Tomar, Portugal)

JOÃO CALADO, PhD, Instituto Politécnico de Lisboa (Lisboa, Portugal)

Open Innovation in Industry 4.0 - A risk assessment framework for SMEs (EN)

ANASTASIA LEONOVA, Researcher, St. Petersburg University (Saint Petersburg, Russian Federation)

Programs for digital economy formation and the specificity of their implementation in the EAEU countries (RU)



MICHAELA BEDNÁROVÁ, Dr., Professor, Universidad Pablo de Olavide (Sevilla, Spain)

ENRIQUE BONSON, PhD, Prof., Universidad de Huelva (Huelva, Spain)

Artificial Intelligence Disclosures in Sustainability Reports: Towards an AI Reporting Standards (EN)

PAVEL GLUKHIKH, Cand. Sci. (Econ.), Senior Research, Center of Regional Comparative Research, Institute of Economics of the Ural Branch of RAS (Ekaterinburg, Russian Federation)

Cooperative strategies for the emergence of industrial enterprises in the period of digitalization (RU)

OLGA SMIRNOVA, Cand. Sci. (Econ.), Senior Research, Center of Structural Policy, Institute of Economics of the Ural Branch of RAS (Ekaterinburg, Russian Federation)

ALENA PONOMAREVA, PhD Student, Research, Center of Structural Policy, Institute of Economics of the Ural Branch of RAS (Ekaterinburg, Russian Federation)

Structural effects of the introduction of cross-industrial advanced manufacturing technologies (RU)

YUCHAN WANG, PhD, Southern Federal University (Rostov-on-Don, Russia)

The Development and Application of Digital Economy – take 5G Technology as an example (EN)

LYUDMILA CHESNYUKOVA, Assistant lecturer, Department of Economic Theory and Corporate Governance, Ural State University of Economics (Ekaterinburg, Russian Federation)

OLGA SMIRNOVA, Cand. Sci. (Econ.), Senior Research, Center of Structural Policy, Institute of Economics of the Ural Branch of RAS (Ekaterinburg, Russian Federation)

Relevant aspects of industrial development in the context of digitalization: experience of Russia (RU)

WANG CAN, PhD, Southern Federal University (Rostov-on-Don, Russia)

Digital Transformation Strategy of Industrial Enterprises (EN)

SCIENTIFIC SECTION 3: Impact of Digital Transformation on the Financial and Human Potential of Industry

29 OCTOBER 2021, 17:30-19:30 (Ekaterinburg Time) UTC+5

Languages of the Scientific Section: Russian, English

Simultaneous interpretation is NOT provided.

Meeting room of the Institute of Economics of the Ural Branch of RAS, 2nd floor, off 219 (29, Moskovskaya St., Ekaterinburg, Russian Federation)

Zoom link:

<https://us06web.zoom.us/j/89017591803?pwd=L3ZtTFYyYWY4TINEcXhJUkE3UjBiZz09>

MODERATOR:

EVGENY KUZMIN, Researcher (Academic), Institute of Economics of the Ural Branch of RAS (Ekaterinburg, Russian Federation)

SPEAKERS:

EDUARD BABULAK, Dr. Sci., PhD, Prof., Honorary Chair, Chief Mentor & Senior Advisor, Core Advisory Committee at the World Assessment Council, Liberty University, USA
Third Millennium Digital Education (EN)

ALINA BADULESCU, Professor, Dr. habil., University of Oradea (Oradea, Romania)
FARZANA SHARMIN and **MOHAMMAD TIPU SULTAN**, Doctoral students, Shanghai Jiao Tong University (Shanghai, China)
Social media and the selection of tourist destinations (EN)

ELENA KALABINA, Dr. Sci. (Econ.), Professor, Ural State University of Economics (Ekaterinburg, Russia)

DMITRIJ SCHMIDT, Project manager, ProLeit GmbH by Schneider Electric (Herzogenaurach, Germany)

OLGA BELYAK, Project manager, Prosoft-Systems Ltd, (Ekaterinburg, Russia)
Knowledge Sharing Determinants in Cross-functional Teams: An Empirical Study (RU)

MAŁGORZATA ZAKRZEWSKA, Research & Teaching Assistant, Master of Management and Quality Sciences, Cracow University of Economics (Cracow, Poland)
Trends in the issues of Revolution 4.0 in terms of social changes (EN)

KAROL WŁODYKA, Researcher, Cracow University of Economics (Cracow, Poland)
Students' awareness of the changes caused by Revolution 4.0 (EN)

OLGA ANTONOVA, Cand. Sci. (Econ.), Associate Professor, Senior Research Associate, Chelyabinsk Affiliation of the Institute of Economics of the Ural Branch of RAS
Active labor longevity in Industry 4.0 (RU)

MICHAEL DJANELIDZE, Cand. Sci. (Econ.), Associate Professor, Institute for Regional Economy Studies RAS (Saint Petersburg, Russia)

NATALIIA SHESTAKOVA, Cand. Sci. (Econ.), Associate Professor, Institute for Regional Economy Studies RAS (Saint Petersburg, Russia)
The Russian Economy: Digital Transformation and its Staffing (EN)

SZYMON JAROSZ, Researcher, Cracow University of Economics (Cracow, Poland)
The essence of the Fourth Industrial Revolution the field of finance and accounting (EN)



TATYANA ORLOVA, Dr. Sci. (Phil.), Professor, Department of Enterprise Economics, Ural State University of Economics (Ekaterinburg, Russian Federation)

ALEXANDER TIMOSHIN, PhD Student, Department of Enterprise Economics, Ural State University of Economics (Ekaterinburg, Russian Federation)

Analysis of the relationship between risk tolerance, financial sustainability and economic security in the context of digitalization and risk control (RU)

YANG YANG, Southern Federal University (Rostov-on-Don, Russia)

Social Responsibility of Small and Medium-sized Corporates under the Background of Digital Transformation (EN)

YULIA OTMAKHOVA, Cand. Sci. (Econ.), Leading Researcher, Laboratory for Computer Modeling of Socio-Economic Processes, Central Economics and Mathematics Institute of the Russian Academy of Sciences; Federal Research Center "Informatics and Control" RAS (Moscow, Russia)

DMITRY DEVYATKIN, Researcher, Department of Intelligent Technologies and Systems, Federal Research Center "Informatics and Control" RAS (Moscow, Russia)

Priorities of human resources policy in the context of digitalization and the COVID-19 pandemic (RU)

ALEXANDER MOKRONOSOV, Professor, Department of Enterprise Economics, Ural State University of Economics (Ekaterinburg, Russian Federation)

TIMUR ASYLGUZHIN, PhD Student, Department of Enterprise Economics, Ural State University of Economics, Novator Design Bureau (Ekaterinburg, Russian Federation)

KONDRATIEV I. P., LIKHACHEVA S. S., Novator Design Bureau (Ekaterinburg, Russian Federation)

Ecosystem Approach to Intellectual Property Management in the Digital Economy (RU)

LARISA YURIEVA, Dr. Sci. (Econ.), Professor of the Department of Accounting, Analysis and Audit of the Ural Federal University (Ekaterinburg, Russia)

ELENA SINYANSKAYA, Cand. Sci. (Econ.), Associate Professor of the Department of Accounting, Analysis and Audit, Ural Federal University (Ekaterinburg, Russia)

OLGA SAVOSTINA, Cand. Sci. (Econ.), Associate Professor of the Department of Accounting, Analysis and Audit, Ural Federal University (Ekaterinburg, Russia)

Digitalization of financial stability analysis as a tool to improve the efficiency of organization management (RU)

DARIA MIKHALKINA, B.S., Master Student, Trainee Researcher, Southern Federal University (Rostov-on-Don, Russia)

ANASTASIA NIKITAEVA, Dr. Sci. (Econ.), Professor, Head of the Department of Information Economics, Southern Federal University (Rostov-on-Don, Russia)

Trends, Factors and Guidelines for The Development of Human Resources for Industry 4.0 (EN)



Information about the Conference Organizers:



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СОСПП

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ОБЩЕСТВЕННАЯ ПАЛАТА
СВЕРДЛОВСКОЙ ОБЛАСТИ

Commission on Science and Development of the Digital Economy of the Public Chamber of the Sverdlovsk Region

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