



Alexander Dubček University of Trenčín
Faculty of Social and Economic Relations



International Scientific Conference

"The Impact of Industry 4.0 on Job Creation 2020"

The conference, being supported by SOVA DIGITAL, Inc., takes place in the city spa of Trenčianske Teplice and takes place within the projects of Slovak Ministry of Education Grant Agency VEGA: Reg. No.1 / 0430/18 „The Impact of Industry 4.0 on Job Changes” and VEGA: Reg. No.: 1/0462/20 “Assessment changes in the qualitative structure of international economic relations under the influence of Industry 4.0 with implications for the EU and Slovak economic policies”.

Online conference via MS TEAMS

November 12, 2020

PROGRAM

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Online registration 9³⁰ – 10⁰⁰

Opening ceremony and plenary session 10⁰⁰ – 11³⁰

- **Adriana GREŇČÍKOVÁ**
Chairman of the Scientific Committee of the Conference, Alexander Dubček University of Trenčín
- **Jozef HABÁNIK**
Rector of A. Dubček University of Trenčín
- **Eva IVANOVÁ**
Dean of Faculty of Social and Economic Relations, A. Dubček University of Trenčín
- **Martin HOŠTÁK**
The National Union of Employers
- **Martin MORHÁČ**
Director, SOVA Digitál, Inc.
- **Vladislav BERKOVÍČ**
Human Resources Manager, PONGRATZ s.r.o.

Break time 11³⁰ – 12⁴⁵

Conference sections 12⁴⁵ – 15⁰⁰

Section 1 - English

Chair: Ing. Marcel Kordoš, PhD.

- ***Akvilė SABALIAUSKAITĖ - Živilė STANKEVIČIŪTĖ***
TECHNOLOGY IMPACT ON EMPLOYEE WELL-BEING IN THE LIGHT OF INDUSTRY 4.0: DOES WORK-RELATED SMARTPHONE USE AFTER WORKING HOURS INCREASE WORK ENGAGEMENT?
- ***Živilė STANKEVIČIŪTĖ - Rūta ADAMONIENĖ***
WORK-FAMILY ENRICHMENT AND TASK PERFORMANCE WHILE WORKING REMOTELY DURING COVID-19 LOCKDOWN
- ***Beyza ALI - Nikolai SINIAK***
THE NEED FOR BIG DATA ANALYTICS IN DECISION-MAKING IN TODAY'S WORLD
- ***Ieva BRENCĒ - Ilona BEIZITERE - Ina GUDELE - Baiba RIVZA***
REMOTE WORK AS A TOOL OF INDUSTRY 4.0: CHALLENGES FACED BY COVID-19 AND FUTURE PERSPECTIVES
- ***Jana Marie ŠAFRÁNKOVÁ - Martin ŠIKÝŘ***
OPPORTUNITIES AND THREATS OF THE DEVELOPMENT OF INDUSTRY 4.0 FROM THE PERSPECTIVE OF EMPLOYEES
- ***Irina TESLENKO - Marina KHUDYAKOVA***
TRANSFORMATION OF THE RUSSIAN EDUCATION SYSTEM IN THE CONTEXT OF INDUSTRY 4.0
- ***Svetlana POPOVA***
GENERATION Z AS FUTURE EMPLOYEES: GENERAL OUTLINES

Section 2 - Slovak

Chair: Ing. Tatiana Masárová, PhD.

12:45 - 15:00

- ***Daniela NOVÁČKOVÁ - Silvia MATÚŠOVÁ***
INDUSTRY 4.0 AND GREEN INVESTMENTS
- ***Katarína BUGANOVÁ - Jana ŠIMÍČKOVÁ - Michal BRUTOVSKÝ***
CRISIS MANAGEMENT AND ITS APPLICATION IN AN ENTERPRISE WITH INDUSTRY 4.0 ELEMENTS

- **Danka LUKÁČOVÁ - Gabriel BÁNESZ - Dagmar ZMEKOVÁ**
REALIZATION OF DUAL EDUCATION - CASE STUDY
- **Marián AMBROZY - Eva HVIZDOVÁ**
EFFECT OF INDUSTRY 4.0 ON UNEMPLOYMENT IN THE WORK OF ŠTEFAN KASSAY
- **Zuzana ZVAKOVÁ - Martin BOROŠ**
SOCIO-ECONOMIC CONSEQUENCES OF INDUSTRY 4.0 ON THE AREA OF PRIVATE SECURITY

PhD students section 1

Chair: doc. Ing. Adriana Grenčíková, PhD.

12:45 – 15:00

- **Emília KRAJŇÁKOVÁ - Jaroslav VYHNIČKA**
IMPACT OF COVID-19 ON JOB DEVELOPMENT IN INDUSTRY 4.0
- **Veronika ŽÁRSKÁ - Jaroslav HOLOMEK**
THE NEED FOR THE DEVELOPMENT OF HUMAN CAPITAL, THE FOCUS OF EDUCATION AND THE STATE IN THE SR IN THE CONTEXT OF INDUSTRY 4.0
- **Matej HÚŽEVKA - Adriana GREŇČÍKOVÁ - Martin ŠRÁMKA**
THE IMPACT OF THE COVID-19 PANDEMIC ON THE CRISIS IN SLOVAK COMPANIES
- **Eva GRMANOVÁ - Jozef BARTEK - Monika GULLEROVÁ**
CHANGES IN THE DIGITAL SKILLS OF THE SLOVAK SENIOR CITIZENS IN THE EUROPEAN CONTEXT
- **Martin ŠRÁMKA - Adriana GREŇČÍKOVÁ - Matej HÚŽEVKA**
USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGIES FOR HOME-OFFICE AND THEIR IMPACT ON LABOR PRODUCTIVITY
- **Emília KRAJŇÁKOVÁ - Andrea HORVATHOVÁ**
BASIC CONTOURS AND CHARACTERISTICS OF THE EDUCATION CONCEPT 4.0
- **Rusne JEGELAVICIUTE - Valentinas NAVICKAS - Mykolas NAVICKAS**
THE IMPACT ON LEADERSHIP COMPETENCIES DEVELOPMENT OF FOURTH INDUSTRIAL REVOLUTION

PhD students section 2

Chair: doc. PhDr. Zoltán Rózsa, PhD.

12:45 - 15:00

- **Slavka SILBERG**
AGILITY - THE KEY ABILITY FOR INDUSTRY 4.0
- **Marie BEDNARIKOVA - Jana KOSTALOVA - David VLCEK**
GIG ECONOMY PLATFORMS IN THE CZECH REPUBLIC
- **Jakub GIRAŠEK**
POSSIBILITIES OF ADJUSTING THE CURRENT STATE OF THE TAX - CONTRIBUTIONS BURDEN TAKING INTO ACCOUNT THE NEGATIVE INCOME TAX AND THE TAX BONUS IN THE CONDITIONS OF THE SLOVAK REPUBLIC
- **Eva RIEVAJOVÁ - Michal HRNČIAR**
STRUCTURAL CHANGES OF THE WORKFORCE IN INDUSTRIAL PRODUCTION UNDER THE INFLUENCE OF INDUSTRY 4.0
- **Aleksey CHECHULIN - Oleg ROY - Sergey SHELONAEV - Ekaterina KNYAZEVA**
THE TRANSFORMATION OF COMMUNICATION COMPETENCIES OF RUSSIAN CIVIL SERVANTS IN THE CONTEXT OF DIGITALIZATION
- **Michal BRUTOVSKÝ - Katarína BUGANOVÁ - Jana ŠIMÍČKOVÁ**
DEFINITION OF THE RISK MANAGEMENT POSITION IN RELATION TO THE PROJECT MANAGEMENT OF AN ENTERPRISE WITH INDUSTRY 4.0 ELEMENTS
- **Kate LASE - Biruta SLOKA**
WAGES AND UNEMPLOYMENT IN RAPID DEVELOPMENT OF INDUSTRY 4.0: DIFFERENCES AMONG REGIONS IN LATVIA
- **Evija DUNDURE - Biruta SLOKA**
FORMATION OF PRIVATE PENSION SAVINGS IN THE SITUATION OF INDUSTRY-4.0 AND VARIOUS FORMS OF EMPLOYMENT

SOVA DIGITAL
Product Lifecycle Management

vetropack 

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ESRI SEKTOROVO
RIADENÉ
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 **SAVANNA CAFÉ**

TREXiMA

Pongratz



International scientific conference „The Impact of Industry 4.0 Job Creation 2020“ organized by Alexander Dubček University of Trenčín, Faculty of Social and Economic Relations, Študentská 3, 911 50 Trenčín, Slovak Republic, www.fsev.tnuni.sk