



Alexander Dubček University of Trenčín
Faculty of Social and Economic Relations



International Scientific Conference

"The Impact of Industry 4.0 on Job Creation"

**The conference is being supported by SOVA DIGITAL, Inc.,
within the project of Slovak Ministry of Education Grant Agency
VEGA: Reg. No.1 / 0430/18
„The Impact of Industry 4.0 on Job Changes“**

Trenčianske Teplice – Hotel Krym***

21st November 2019

PROGRAM

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International Scientific Conference "The Impact of Industry 4.0 on Job Creation"

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0430/18 „The Impact of Industry 4.0 on Job Changes“

Registration 9⁰⁰ – 10⁰⁰

Opening ceremony and plenary session 10⁰⁰ – 12⁰⁰

- **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**
„IMPACT OF INDUSTRY 4.0 AND ITS IMPACT ON EMPLOYMENT“
The National Union of Employers
- **Martin MORHÁČ**
„INDUSTRY 4.0 STARTS - HIGH TIME TO START DEVOTING TO THE DEVELOPMENT OF WORKERS“
Director, SOVA Digitál, Inc.
- **Eva VANKOVÁ**
“ INDUSTRY 4.0 - CHANGES FROM THE HR PERSPECTIVE IN THE MANUFACTURING COMPANY”
Human Resources Director, VETROPACK Nemšová, s.r.o. Nemšová

<i>Lunch</i>	12 ⁰⁰ – 13 ⁰⁰
<i>Conference sections</i>	13 ⁰⁰ – 18 ⁰⁰
<i>Coffee break</i>	15 ⁰⁰ – 15 ³⁰
<i>Dinner</i>	18 ⁰⁰ – 19 ⁰⁰
<i>Closing of the conference</i>	19 ⁰⁰ – 22 ⁰⁰

Section 1

Chair: doc. PhDr. Zoltán Rózsa, PhD.

13:00 – 15:00

- ***Ruta ADAMONIENE - Martina BLAŠKOVÁ - Ruta PETRAUSKIENE - Rimantas RAULECKAS***
THE IMPORTANCE OF INTERCULTURAL COMPETENCE IN ORGANIZATIONS DURING THE 4TH INDUSTRIAL REVOLUTION
- ***Svetlana POPOVA***
CHALLENGES OF TEACHING AND MANAGING GENERATION Z
- ***Nadja PADE - Rozalia SULÍKOVÁ - Lubomira STRÁŽOVSKÁ***
STUDENT COACHING IN THE PHASE OF CHOOSING THEIR PROFESSION: GENERATION Z NEEDS ORIENTATION
- ***Andrius STANKEVIČIUS***
BIG DATA AND MUNICIPAL WASTE MANAGEMENT: CHALLENGES AND OPPORTUNITIES
- ***Biruta SLOKA - Laura KERŠULE - Iluta SKRŪZKALNE***
ROLE OF TELECOMMUNICATION PERSONNEL FOR INDUSTRY 4.0 JOB CREATION
- ***Irena BAKANAUSKIENĖ - Asta KYGUOLIENĖ - Lina ŠIUMETĖ***
DISCOVERING GENERATIONAL DIFFERENCIES IN EMPLOYER ATTRACTIVENESS: THE CASE OF FINANCIAL ORGANIZATION
- ***Aleksey CHECHULIN - Ekaterina USACHEVA***
THE IMPACT OF DIGITAL ECONOMY ON THE EMPLOYMENT AND CAREER PROSPECTS OF MANAGEMENT SPECIALISTS

Section 1

Chair: doc. PhDr. Zoltán Rózsa, PhD.

15:30 – 18:00

- **Ruta ADAMONIENE - Aurelija PŪRAITĖ - Vytautas ŠLAPKAUSKAS**
THE IMPACT OF 4.0 INDUSTRIAL DEVELOPMENT ON THE FUTURE TRAINING OF POLICE OFFICERS
- **Farheen NAZ - Róbert MAGDA**
INDUSTRY 4.0 IN INDIA AND ITS IMPACT ON LABOUR MARKET
- **Irina BRITVINA - Polina SHUMILOVA - Dmitriy ZAKHAROV**
LABOR MIGRANTS AS A RESOURCE FOR THE SHADOW ECONOMY IN A CONTEXT OF TRANSITION TO INDUSTRY 4.0
- **Marina IZMAILOVA - Mikhail ABRASHKIN - Margarita SAVINA - Martin ŠIKÝŘ**
THE STRATEGIC APPROACH TO THE INNOVATIVE DEVELOPMENT OF THE RUSSIAN ECONOMY MARKET
- **Nikolai SINIAK - Adriana GRENČÍKOVÁ - Ninoslav MARINA - Sergey SHAVROV**
THE IMPACT OF PROPTECH 3.0 ON THE REAL ESTATE INDUSTRY WORKPLACES
- **Nadiya DAVYDENKO - Olena LEMISHKO**
THE IMPACT OF THE INDUSTRIAL REVOLUTION ON THE POPULATION EMPLOYMENT STRUCTURE IN THE AGRARIAN ECONOMY SECTOR
- **Valentinas NAVICKAS - TOMAS SKRIPKIŪNAS**
SUSTAINABLE ARCHITECTURAL SOLUTIONS IMPACT ON COMPETITIVENESS IN CONTEXT OF INDUSTRY 4.0

Section 2

Chair: doc. PhDr. Jana Marie ŠAFRÁNKOVÁ, CSc.

13:00 – 15:00

- **Jana Márie ŠAFRÁNKOVÁ - Martin ŠIKÝŘ**
HUMAN RESOURCE MANAGEMENT CHALLENGES OF THE FOURTH INDUSTRIAL REVOLUTION FOR CZECH SMEs
- **Daniela NOVÁČKOVÁ - Darina SAXUNOVÁ**
GRANTING INVESTMENT AID TO BUSINESS SERVICES CENTERS
- **Jarmila WEFERSOVÁ**
CROWDWORKING: JOBS IN THE AGE OF DIGITIZATION AND PLATFORM ECONOMY

- ***Patrik LAHUTA - Mária HUDÁKOVÁ***
STREAMLINING PROFESSIONAL QUALIFICATION ASSESSMENT
PROCESS FOR PRIVATE SECURITY EMPLOYEES
- ***Michal BRUTOVSKÝ - Katarína BUGANOVÁ***
INCREASING THE RESILIENCE AND COMPETITIVENESS OF
INDUSTRIAL ENTERPRISES TO EXTERNAL AND INTERNAL IMPACTS
THROUGH THE IMPLEMENTATION OF RISK MANAGEMENT IN
PROJECT MANAGEMENT
- ***Katarína BUGANOVÁ - Jana ŠIMÍČKOVÁ***
INCREASING THE COMPETITIVENESS OF ENTERPRISES THROUGH
THE IMPLEMENTATION OF RISK MANAGEMENT IN THE CONTEXT
OF THE INDUSTRY 4.0 CONCEPT
- ***Vojtěch KOŘEN***
INDUSTRY 4.0: THE SOCIAL DIMENSION OF EDUCATION NEEDS

Section 2

Chair: Ing. Marcel Kordoš, PhD.

15:30 – 18:00

- ***Lucia STUPAVSKÁ - Veronika JOHANESOVÁ - Miloš ČAMBÁL***
ANALYSIS OF THE IMPACT OF THE FOURTH INDUSTRIAL
REVOLUTION ON EMPLOYEES OF INDUSTRIAL COMPANIES IN THE
CONTEXT OF GENERATIONS
- ***Andrea HORVÁTHOVÁ - Emília KRAJŇÁKOVÁ - Rolf KARBACH***
BUSINESS EDUCATION IN CONDITIONS OF INTELLIGENT
PRODUCTION
- ***Linda VAŠKOVÁ***
THE INFLUENCE OF THE OFFICE WELLBEING ON USERS` AGILITY IN
PROPERTY DEVELOPMENT AS A PART OF INTERNAL MARKETING
APPROACH
- ***Eva RIEVAJOVÁ - Michal HRNČIAR***
IMPACT OF INDUSTRY 4.0 ON THE TRANSPORT SECTOR AND
RELATED SERVICES IN THE CONTEXT OF HUMAN RESOURCES
DEVELOPMENT IN THE SLOVAK REPUBLIC
- ***Mykolas NAVICKAS - Juscius VYTAUTAS***
SHADOW ECONOMY IMPACT ON LABOR MARKET AND ITS
EVOLUTION DURING INDUSTRY 4.0 REVOLUTION

- *Emília KRAJŇÁKOVÁ - Jaroslav VYHNIČKA*
IMPACT OF INDUSTRY 4.0 ON CHANGES IN THE STRUCTURE AND NUMBER OF JOBS
- *Magdaléna TUPÁ*
IMPACT OF INDUSTRY 4.0 ON THE LABOR MARKET OF THE SLOVAK REPUBLIC IN THE CONTEXT OF LABOR MIGRATION

Section 3

Chair: doc. Mgr. Sergej Vojtovič, DrSc.

13:00 - 15:00

- *Nikolay ZAKHAROV - Andrey KUZNETSOV - Marina PERFILYEVA*
THE IMPACT OF INDUSTRY 4.0 ON THE LABOUR MARKET IN RUSSIA
- *Vilma TUBUTIENE - Diana SAPARNIENE*
IMPACT OF INDUSTRY 4.0 ON CHANGES IN PUBLIC OFFICIALS' COMPETENCY FRAMEWORK: CASE OF LITHUANIAN CIVIL SERVICE
- *Sergej VOJTOVIČ - Magdaléna TUPÁ - Rolf KARBACH*
CHANGES IN THE LABOR MARKET IN V4 COUNTRIES IN THE CONTEXT OF LABOR IMMIGRATION
- *Mária HUDÁKOVÁ - Matej MASÁR - Daniel BREZINA*
PERCEPTION OF PERSONNEL AND SAFETY RISKS BY SMES IN SLOVAKIA AT THE TIME OF THE INDUSTRIAL REVOLUTION INDUSTRY 4.0
- *Matej MASÁR - Mária HUDÁKOVÁ*
THE IMPACT OF HUMAN FACTOR ON PROJECTS OF IMPLEMENTATION CONCEPT INDUSTRY 4.0 IN MANUFACTURING ENTERPRISES
- *Eva IVANOVÁ - Jana MASÁROVÁ - Eva KOIŠOVÁ*
EVALUATION OF THE LEVEL OF DEVELOPMENT OF DIGITAL ECONOMY AND DIGITAL SKILLS IN THE SLOVAK AND CZECH REPUBLIC
- *Eva GRMANOVÁ*
EMPLOYMENT OF FOREIGNERS BY PROFESSION IN THE SLOVAK LABOUR MARKET

- *Vladislav BERKOVIČ - Tatiana MASÁROVÁ - Adriana GREŇČÍKOVÁ*
IMPACT OF INDUSTRY 4.0 TO CHANGES IN THE STRUCTURE OF JOBS

Section 3

Chair: doc. Mgr. Sergej Vojtovič, DrSc.

15:30 - 18:00

- *Valentinas NAVICKAS - Rusnė JEGELAVIČIUTĖ*
FOLLOWERS AS A DETERMINANT OF LEADERSHIP COMPETENCIES DEVELOPMENT DURING INDUSTRY 4.0 REVOLUTION
- *Miriama DUBOVSKÁ - Eva RIEVAJOVÁ*
IMPACT OF SELECTED ASPECTS ON LABOR MOBILITY AND IMPACTS OF INDUSTRY 4.0 ON EMPLOYMENT PROCESSES WITHIN THE EURES-T BESKYDY PARTNERSHIP
- *Tatiana MASÁROVÁ - Jakub SOKOL*
CHANGES IN SKILLS AND PROFESSION STRUCTURE AS A CHALLENGE ARISING FROM THE ESTABLISHMENT OF INDUSTRY 4.0
- *Peter SIKÁ*
SILVER ECONOMY POTENTIAL FOR THE LABOR MARKET AND INDUSTRY 4.0
- *Simona HÝŽOVÁ - Kamila MAYEROVÁ - Jaroslav VYHNIČKA*
REQUIREMENTS FOR EDUCATION AND QUALIFICATION OF PEOPLE IN INDUSTRY 4.0
- *Anna BONDARENKO - Svetlana BONDAR - Karol KRAJČO - Nikolai SINIAK*
APPLICATIONS OF STATISTICS IN REGIONAL ECONOMICS IN CONTEXT OF SMART, SUSTAINABLE AND INCLUSIVE GROWTH
- *Dagmar PETRUŠOVÁ - Peter PETRUŠ*
USE OF ICT IN ENTERPRISES OF THE SLOVAK REPUBLIC IN THE CONTEXT OF INDUSTRY 4.0
- *Jana SOCHULÁKOVÁ - Katarína KRÁĽOVÁ*
POSITION OF SME'S IN THE CONTEXT OF INDUSTRY 4.0

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