# V International Symposium ENGINEERING MANAGEMENT AND COMPETITIVENESS (EMC 2015)



# Symposium Program\*

# Place and time of the Symposium:

Conference dates are Friday and Saturday, June 19 - 20, 2015.

Presentations are scheduled in sessions with 15 minute slots per paper (10 minutes presentation, 5 minutes questions and answers) at Hotel "Vojvodina", Trg slobode 3, Zrenjanin.

# Friday, 19th June 2015 Hotel "Vojvodina", Trg slobode 3, Zrenjanin

**Registration (9.00 - 10.00h)** 

Opening ceremony and Plenary session (10.00 - 12.00h, Main Hall)

## Plenary session

Ali Reza Afshari, Dragan Ćoćkalo, Mohammad Anisseh GROUP FUZZY LINGUISTIC MCDM MODEL IN THE PROJECT MANAGER SELECTION

Mohammad Anisseh, Mohammad Reza Shahraki, Ali Reza Afshari A FUZZY EXTENSION OF BORDA METHOD FOR GROUP DECISION MAKING

László Szabó, Nóra Rodek Berkes THE CONNECTION BETWEEN CORPORATE SOCIAL RESPONSIBILTY AND QUALITY MANAGEMENT

Zoltán Varga SIMILARITY SEARCHING MODEL WITH EXCEL

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<sup>\*</sup> The organizer allows the possibility of changes in the program, in accordance with the specific requirements of the authors and the technical and time constraints of the Symposium. That is why we encourage the authors to communicate their specific requirements at registration.

Dragan Ćoćkalo, Dejan Đorđević, Cariša Bešić, Srđan Bogetić, Edit Terek CORPORATE SOCIAL RESPONSIBILITY AND COMPETITIVENESS OF SERBIAN ECONOMY - THE ANALYSIS OF FIVE-YEAR RESEARCH RESULTS

Larisa Nikitina, Dmitry Borzakov A CONCEPT OF CREATING SHARED VALUE: OPPORTUNITIES AND THREATS OF REALIZATION

**Coffee break (12.00 – 12.30)** 

Sessions A, B, C (12.30 – 14.00)

# Session A: MANAGEMENT AND OPERATION MANAGEMENT

Zorana Antić, Srđan Bogetić FOOD INDUSTRY WORKERS' ATTITUDES ON THE IMPORTANCE OF FACTORS AFFECTING FOODSTUFF QUALITY MANAGAMENT

Senka Bengin, Biljana Ratković Njegovan ORGANIZATION MODEL OF THE MEDIA MONITORING COMPANY IN THE CASE OF PARTIAL PRINT MEDIA DIGITALISATION

Srđan Bogetić, Marijana Vidas Bubanja, Snežana Lekić IMPROVING THE QUALITY OF TRAFFIC COMPANIES AIMED AT COMPETITIVENESS DEVELOPMENT

Milena Cvjetković, Dragoljub Ilić, Smiljkić Predrag KEY FACTORS OF IMPROVING BUSINESS AND COMPETITIVENESS OF DOMESTIC ENTERPRISES

Dejan Đorđević, Milenko Ćeha, Snežana Bešić BUSINESS QUALITY IMPROVEMENT AS KEY FACTOR OF COMPETETIVENESS OF SERBIAN COMPANIES

Dejan Đorđević, Dragan Ćoćkalo, Cariša Bešić, Melita Ćoćkalo-Hronjec THE ADOPTION OF QUALITY ASSURANCE SYSTEMS IN SERBIAN AGRO-FOOD INDUSTRY

Peter Harmath, Radmila Stojanović MANAGEMENT EXPERIMENTS WITH SIMULATED – ARTIFICIAL BUSINESS ENVIRONMENT

Živko Kotevski, Bojan Jovanoski, Robert Minovski SIMULATION MODEL FOR IMPROVED PRODUCTION PLANNING AND CONTROL THROUGH QUALITY, CYCLE TIME AND BATCH SIZE MANAGEMENT

Vladan Paunović, Jasmina Vesić Vasović, Miroslav Radojičić, Zoran Nešić A RESEARCH ON THE EFFECT OF THE PARALLEL TYPE OF PRODUCTION OF THE SERIES ON THE LENGTH OF THE PRODUCTION CYCLE AND ON THE UTILIZATION OF THE MACHINES CAPACITY

Miroslav Radojičić, Jasmina Vesić Vasović, Zoran Nešić ONE APPROACH TO THE ANALYSIS OF IMPACT OF SHIFT-WORK INTRODUCTION ON UNIT COSTS IN SERIAL PRODUCTION Mila Zakin, Nikola Petrov, Sanja Stanisavljev, Željko Stojanović STRATEGIC IMPORTANCE OF COMMUNICATION IN THE E-BUSINESS PROCESS

#### **Session B: HUMAN RESOURCE MANAGEMENT**

Nemanja Berber, Agneš Slavić

THE CHANGES OF HRM IN MNCS' SUBSIDIARIES IN SERBIA:

A COMPARATIVE ANALYSIS BASED ON TWO SUCCESSIVE CEEIRT RESEARCHES

Snežana Bešić, Đuro Kovačević

THE ROLE OF LEADERSHIP BEHAVIOUR IN ACCOMPLISHING

BUSINESS EXELLENCE OF DOMESTIC BUSINESSES

Snezana Đorđević, Jasmina Vesić Vasović, Miroslav Radojičić, Đorđe Mihailović, Zoran Nešić MANAGERIAL DECISION-MAKING IN THE FUNCTION OF EFFICIENT SCHOOL MANAGEMENT

Bojana Gligorović, Edit Terek

THE IMPORTANCE OF NONVERBAL COMMUNICATION IN

**BUSINESS ENVIRONMENT** 

Smiljka Kovačević, Dragica Ivin

LEADERSHIP AND EMOTIONAL INTELLIGENCE IN RELATION TO LEADERSHIP

Nikola Nikolić, Nenad Dajić

REWARDING WORKERS IN A COMPAN

Dragana Sajfert, Ješa Kreiner, Milan Nikolić, Edit Terek, Milorad Živković RESEARCH ABOUT THE IMPACT OF LEADERSHIP ETHICS ON THE

IMPLEMENTATION OF KNOWLEDGE MANAGEMENT IN COMPANIES IN SERBIA

Srećko Stamenković, Biljana Ratković Njegovan

THE IMPACT OF PROCEDURAL JUSTICE ON HUMAN RESOURCES MANAGEMENT IN THE ORGANIZATION IN SERBIA

Sanja Stanisavljev, Mila Zakin, Branko Markoski, Nikola Petrov

ORGANIZATIONAL CHANGE MANAGEMENT

Sanja Stanisavljev, Branko Markoski, Nikola Petrov, Željko Stojanović

MODERN KNOWLEDGE ORGANIZATION

Biljana Stankov, Milijana Roganović, Ana Spasojević

HIGHER EDUCATION AND TRAINING AS A PILLAR OF COMPETITIVENESS

OF SERBIAN ECONOMY

Ljiljana Stošić Mihajlović

MANAGEMENT SKILLS AND LEADERSHIP - THEIR INFLUENCE ON

CREATING SUSTAINABLE COMPETITIVE ADVANTAGE

Edin Strukan, Siniša Mitić, Denis Fazlić

RESAERCH ON THE SIGNIFICANCE OF LEADERSHIP SKILLS FOR

MANAGERIAL DECISION MAKING PROCESS

Edin Strukan, Milan Nikolić, Siniša Mitić THE SIGNIFICANCE OF MANAGER'S CREATIVITY FOR MANAGEMENT, DEVELOPMENT AND EFFECTIVENESS OF HUMAN RESOURCES

Nada Vignjević Đorđević, Bratislav Stanković, Senadin Plojovic CROSS-BORDER COOPERATION AND INTERNATIONAL EXCHANGE - REQUIRED SKILLS AND KNOWLEDGE OF MODERN ENTREPRENEURSHIP IN THE BALKANS

Mila Zakin, Ljiljana Radovanović, Predrag Mošorinski, Mila Đurica Lapadat FUNCTION OF HUMAN RESOURCES IN THE PURPOSE OF IMPRUVING THE KNOWLEDGE MANAGEMENT

#### Session C: MARKETING AND MARKETING MANAGEMENT

Nataša Aleksić, Aleksandar Mišković

BUSINESS COMMUNICATION AS SUPPORT OF RELATIONS WITH THE PUBLIC THROUGH THE FORM OF PROMOTION IN HIGHER EDUCATION

Dalibor Bubnjević

THE PERSPECTIVE OF PERSONAL SELLING IN THE 21st CENTURY

Viktorija Filipov, Dino Rac

THE IMPACT OF ERP SYSTEMS ON SUPPLY CHAIN MANAGEMENT

Jovana Ivančević, Milan Radaković, Jelena Vitomir SOCIAL NETWORKS - MARKETING PLATFORM OF THE FUTURE

Antonija Kadarijan

MARKETING STARTEGIES OF ATTRACTING AND WINNING CONSUMERS – MARKETING IN SML COMPANIES

Mirjana Kovačević

THE FUTURE OF MEDIA SYSTEMS IN TERMS OF EXPANSION OF AUDIO, VIDEO AND INFORMATION TECHNOLOGY (AVIT)

Nikola Milićević

LOGISTICS AS A COMPONENT OF CUSTOMER SERVICE

Milan Nikolić, Maša Magzan, Edit Terek, Bojana Gligorović LOBBYING AS AN ACTIVITY OF PUBLIC RELATIONS

Ljiljana Stošić Mihajlović

STRATEGY FORMULATION UNDER THE INFLUENCE OF THE FORCES OF COMPETITION

Edit Terek, Dušanka Milanov, Ivan Palinkaš, Bojana Gligorović THE IMPACT OF SOCIAL MEDIA ON PUBLIC RELATIONS

Bruno Završnik

THE RELATIONSHIP BETWEEN PUBLIC RELATIONS AND FIRM'S EFFECTIVENESS

Lunch (14.00 – 16.00)

## Sessions D, E, F (16.00-17.30)

# **Session D: ECONOMY**

Marko Ivaniš CAPITAL PRICE OF A CORPORATION

Marko Ivaniš, Vladimir Nikolić HYBRID SOURCES OF FINANCE OF A CORPORATION

Branimir Kalaš, Snežana Milošević IMPACT OF INTERNATIONAL REGULATION ON CORPORATIVE PERFORMANCES BANKING SECTOR OF SERBIA AND SEE COUNTRIES

Saša Meza, Dejan Spasić IMPACT OF PROACTIVE MAINTENANCE EQUIPMENT PRODUCTION COMPANIES TO INCREASE INSURANCE PREMIUMS

Snežana Milošević, Branimir Kalaš MANAGEMENT STRATEGY RATIO LIQUDITY IN FUNCTION OF THE STABILITY OF SERBIAN BANKING SYSTEM

Nikola Nikolić, Nenad Dajić RISK MANAGEMENT IN THE BANK OPERATIONS

Miloš Pjanić, Nada Milenković, Jelena Anadrašić ESTABLISHING AN EFFECTIVE SYSTEM OF RISK MANAGEMENT IN INSURANCE COMPANIES - SOLVENCY II

Senadin Plojović, Enis Ujkanović, Suad Bećirović, Šemsudin Plojović TAX ON ASSETS AS A FACTOR OF INCREASING ECONOMIC ACTIVITIES

Lejla Terzić

EVALUATING THE COMPETITIVENESS OF NATIONAL ECONOMIES: THE CASE OF EU CANDIDATE COUNTRIES

# **Session E: IT MANAGEMENT**

Diana-Aderina Moisuc, Mihai-Constantin Avornicului ARCHITECTURAL MODEL OF EXPERT SYSTEMS

Predrag Mošorinski, Ivan Palinkaš VIRTUAL MANUFACTURING – CONCEPT APPLIED IN TECHNICAL SCHOOL IN ZRENJANIN

Danilo Obradović, Miloš Cvjetković, Bojan Vasović INFORMATION TECHNOLOGY AND THEIR IMPLEMENTATION IN BUSINESS

Tunjo Perić, Teodor M. Petrović, Slavko Matanović A GOAL PROGRAMMING PROCEDURE FOR FINANCIAL STRUCTURE OPTIMIZATION PROBLEM SOLVING

Aurimas Rapečka, Gintautas Dzemyda A NEW RECOMMENDATION METHOD FOR THE USER CLUSTERING-BASED RECOMMENDATION SYSTEM Martynas Sabaliauskas A ROBUST SVD ALGORITHM FOR ARAP METHOD

# Session F: ENVIRONMENTAL AND SAFETY MANAGEMENT SYSTEMS

Danilo A. Đurović

STUDY OF MARITIME ERGOSOFOLOGY-CONTRIBUTION TO THE CONSERVATION AND SUSTAINABLE DEVELOPMENT OF THE WORKING LIFE OF VITALITY SEAFARERS ON BOARD "LONG VOYAGES"

Jelena Malenović Nikolić, Đorđe Ćosić, Nataša Novaković ENERGY MANAGEMENT AND ISO 50001

Nataša Novaković, Jelena Malenović Nikolić, Stevan Mušicki MANAGEMENT SYSTEMS BASED ON THE INTEGRATION OF ISO STANDARDS AND QUALITY INDICATORS

Goran Ristić, Amelija Đorđević, Dejan Vasović, Stevan Mušicki, Slađan Hristov, Aleksandra Petković PHARMACEUTICAL WASTE FROM HOUSEHOLDS – ENVIRONMENTAL RISK MANAGEMENT

Dejan Spasić, Saša Meza RISK AND DEFINING DAMAGE EVENT IN FORGE SMEDEREVO WITH CONSEQUENCES ON THE ENVIRONMENT

Dejan Vasović, Stevan M. Mušicki, Goran Ristić RELIEF OR BURDEN: A CLOSER LOOK AT THE IPPC/IED DIRECTIVE IN SERBIA

## Saturday, 20th June 2015

"Zrenjanin Surroundings" - Excursion

Time and details of the excursion will be presented at the Symposium.