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**Culture of Quality**

**Quality and Social Responsibility**

**From knowledge to quality**

**Competition and globalization**

**Innovation: A key of quality in automotive industry**

**From knowledge to quality and safe food**

**Quality of life and excellence**

**Defining and measuring success**

**Management of sustainable development**

**ICT challenges for future society**

**Excellence of society organization**



**9<sup>th</sup> IQC**  
**QUALITY**  
**RESEARCH**

**05.06.2015., Kragujevac, Serbia**



# 9. International Quality Conference



## CONFERENCE MANUAL

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*June 05<sup>th</sup> - 2015, Kragujevac*  
*Faculty of Engineering, University of Kragujevac*

## 9. International Quality Conference Conference manual

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**Editors:** *PhD Slavko Arsovski*, full professor  
Faculty of Engineering, Kragujevac  
*PhD Miodrag Lazić*, full professor  
Faculty of Engineering, Kragujevac  
*PhD Miladin Stefanović*, full professor  
Faculty of Engineering, Kragujevac

**Technical Editor:** *PhD Aleksandar Aleksić*  
Faculty of Engineering, Kragujevac

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72. Miloš Petronijević, Aleksandar Đorđević, Ana Janković, Milan Mišić PROTECTION AT WORK AS APPROXIMATE PROCES MANAGEMENT .....	467
73. Svetomir Simonović BOTH QUALITY AND EFFICIENCY THROUGH PRODUCT DESIGN.....	473
74. Milan Stamenković, Marina Milanović THE RELATIONSHIP BETWEEN SERVICE QUALITY IN STUDENTS' RESTAURANT AND CUSTOMER LOYALTY .....	477
75. Zorana Tanasić, Maja Vuković, Goran Janjić, Mirko Soković, Borut Kosec SIMULATION AS A TOOL IN LEAN ENVIRONMENT .....	483
76. Ana Langović Milićević, Tatjana Cvetkovski, Dejan Mihailović STRATEGY OF HUMAN RESOURCE MANAGEMENT IN MULTINATIONAL CORPORATIONS .....	489
77. Zlatko Langović, Ana Langović Milićević, Brankica Pažun IMPORTANCE OF "CLOUD COMPUTING" IN STRATEGIC MANAGEMENT OF BUSINESS SYSTEMS IN CONDITIONS OF GLOBALIZATION .....	495
78. Zoran Nešić, Nebojša Denić, Miroslav Radojičić, Jasmina Vesić Vasović IMPACT OF QUALITY INFORMATION IN RELATION TO THE BUSINESS DECISION MAKING PROCESS .....	503
79. Snežana Đorđević, Jasmina Vesić Vasović, Miroslav Radojičić, Zoran Nešić, Đorđe Mihailović IMPROVEMENT OF THE DIRECTORS' WORK EFFICIENCY IN THE FUNCTION OF IMPROVING THE ORGANIZATION OF SCHOOL OPERATING.....	509
80. Zoran Nešić, Nebojša Denić, Jasmina Vesić Vasović, Miroslav Radojičić ONE APPROACH TO THE DEVELOPMENT OF SOFTWARE FOR IMPROVING THE USE OF FIXED ASSETS.....	517
81. Zoran Nešić, Nebojša Denić, Miroslav Radojičić SOME ASPECTS OF INFORMATION QUALITY INFLUENCE ON THE EFFICIENCY OF THE BUSINESS DOING OF ENTERPRISES .....	523
82. Vesna Radonjić Đogatović, Branka Mikavica, Valentina Radojičić, Aleksandra Kostić-Ljubisavljević QUALITY OF SERVICE REGULATION ISSUES IN FUTURE INTERNET .....	529
83. Dejan Mihailović, Ana Langović Milićević, Tatjana Cvetkovski STRATEGIC HUMAN RESOURCE MANAGEMENT AND COMPETITIVE ADVANTAGE.....	535
84. Marina Radović, Vesna Ranković, Milorad Bojić, Jasna Radulović LAYER DIGITAL RECURRENT NETWORK FOR FORECASTING OF LONG-TERM NATURAL GAS CONSUMPTION IN EU COUNTRIES.....	543

Miloš Petronijević<sup>1)</sup>  
Aleksanda Đorđević<sup>2)</sup>  
Ana Janković<sup>2)</sup>  
Milan Mišić<sup>3)</sup>

1) Higher Technical School of  
Professional Studies Novi  
Beograd, Serbia  
puki@kg.ac.rs

2) Faculty of Mechanical  
Engineering, University of  
Kragujevac, Serbia  
adjordjevic@kg.ac.rs

3) Higher Technical School of  
Professional Studies Zvečan  
m.misic@vts-zvecan.edu.rs

## PROTECTION AT WORK AS APPROXIMATE PROCES MANAGEMENT

**Abstract:** *The basics of the management in the area of occupational safety consists of planning, organization, leadership and controlling all key activities, the engineers of occupational safety should act as a link or coordinators of these interdependent relations. In our example, occupational safety management should be elaborated as systematic and inseparable activity, which helps the employers and their associates in their successful economic and social business. We will present the analysis of current research in the field of planning, leadership and controlling of occupational safety and modern education needs in this field.*

**Keywords:** *Management, System Approach, Education, Occupational Safety*

### 1. INTRODUCTION

The notion and social context of working and living environmental protection represents the integral system of complex measures and activities aimed towards safe and quality working and living conditions (prevention of injuries, professional diseases and disability of workers, elimination and prevention of fires and other catastrophes, safe and natural living environment etc.). In organizational and strategic context, it can be said that such a system is achieved through the established social regulations, and presented in three basic practical activities, known to wider public as: occupational safety, fire protection and environmental protection [1].

In complex systems (such as the system of working and living environmental protection), there is something indefinite regarding the limits and the aims of the system, as well as the way and conditions of their application or existence. This is the result of mutual interconnection, interdependence and mixture of the systems of occupational safety, fire protection and working and living environmental protection. Since modern tendencies and international recommendations suggest functions, aims and tasks, activities, means, measures (and even education) etc., we must consider working and living environmental protection systems as a part of the system of integral safety, and even further,

the system of sustainable development [2].

Traditional approach to occupational safety has begun to increase and make place for a new approach. That way of thinking and new types of professional jobs will implement occupational health and safety and working environment protection into general management of successful companies and organizations. Management process can be analyzed from several viewpoints. The researches were dealing with this problem from many aspects: economic, sociologic, psychological, philosophic, innovation, engineering etc. On the basis of that platform, the following conclusions were made: 1) The main responsibility of the manager is determining the level at which something is going on, -it is a decision about process management, 2) Process management should consist of levels: political, strategic, tactical and operational level, and 3) Performance of each manager is different regardless the level [3, 4, 5]. Managing process has the following functions: planning, organization, managing and control.

An idea about an organization as a multi-level system is present in great number of theories of an organization. However, it has started to develop within organizational sciences in the last two decades, through the organization of macro and micro-organizational perspectives. Integration of these perspectives of an organization has contributed to the

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