****

**INSTRUCTIONS FOR REGISTRATION AND WRITING ABSTRACT**

**to be submitted to the secretariat of the International Scientific Conference**

**on Economic Development and standard of living - EDASOL**

(attached "example")

* Abstracts (as well as completed papers) are submitted in English.
* Abstracts (as well as completed papers) are submitted to the conference secretariat email address: edasol@apeiron-edu.eu
* There can be up to three authors in one abstract (one paper)
* The titles, authors, or sequences of authors cannot be changed after the submission of the paper.
* The first page of the abstract should include the names, titles, full addresses, countries (post, email, phone) of all authors; indicate which author will present the paper at the conference.
* On the first page, indicate in the header the thematic field of ​​the paper, according to the "Main topics" from the call/announcement.
* The second page should include the author's name (s), title, and abstract of not less than 150 and not more than 300 words.
* Abstracts should be written in Microsoft Word, A4 paper size, upright, font 12, line spacing 1, normal margins (2.5 cm two-sided).
* Keywords are written after abstract and are listed up to 5 keywords.
* The JEL classification of paper is written below the keywords (see link: <https://www.aeaweb.org/> )

Authors must prepare their completed works in accordance with the "Instructions for Authors" provided on the EMC Review's Journal of Economics and Market Communications at the following link: [www.emc-review.com](http://www.emc-review.com)

**Thematic field:** Operational research

**Authors:**

1. Prof.dr Omer Misirlić, associate professor

Faculty of economics, University of Bihać

77 000 Bihać, Bosnia and Herzegovina

E-mail: omer.misirlic@ef-bihac.ba

Phone: 00387 65 221 0 221

**(author will present the paper)**

1. Prof.dr Katica Porobić, associate professor

Faculty of economics, University of Bihać

77 000 Bihać, Bosnia and Herzegovina

E-mail: katica.porobic@ef-bihac.ba

Phone: 00387 65 021 0223

1. Prof.dr Milan Vasilev, assisstant professor

Faculty of economics, University of Zagrebu

10000 Zagreb, Croatia

E-mail: m.vasilev@efz.hr

Phone: 00385 1 221 226 88

**SELECTED APPLICATIONS OF OPTIMIZATION IN**

**ECONOMY USING ECONOMETRICS**

Omer Misirlić

Katica Porobić

Milan Vasilev

**Abstract:** This paper presents implementation of well-known econometric models for forecasting of required economic variables for a hypothetical company, which sells certain industrial products i.e. consumer durables in a certain region. In the paper it is shown that theorder offorecasting of required indices has to follow a natural flow in accordance with participation of the value of independent variables in relations that determine dependent variables. Appropriate multiple regression analysis software was used. This paper presents implementation of well-known econometric models for forecasting of required economic variables for a hypothetical company, which sells certain industrial products i.e. consumer durables in a certain region. In the paper it is shown that theorder offorecasting of required indices has to follow a natural flow in accordance with participation of the value of independent variables in relations that determine dependent variables. Appropriate multiple regression analysis software was used. This paper presents implementation of well-known econometric models for forecasting of required economic variables for a hypothetical company, which sells certain industrial products i.e. consumer durables in a certain region. In the paper it is shown that theorder offorecasting of required indices has to follow a natural flow in accordance with participation of the value of independent variables in relations that determine dependent variables. Appropriate multiple regression analysis software was used.

**Keywords:**Single linear regression model, multiple linear regression model, model of consumption and investments, standard software for multiple regression analysis.

**JEL classification**: C25, C53, C58.