

**The Research Centre of the Faculty of Economics**  
cordially invites you to a research seminar  
on **Thursday, 8<sup>th</sup> September 2016 at 1 p.m.** in room **P-216** at the  
**Faculty of Economics, University of Ljubljana**

Author: **Dr. Luka Tomat, Faculty of Economics, University of Ljubljana**

will present the article:

### **"Research Areas in Big Data Analytics Studies"**

“Among the areas, which drive the economies of the modern world, big data analytics plays a significant part. Numerous scientific papers have been published in that field in the past ten years but only a few have investigated the research areas of big data analytics studies at the global level. To clarify the current state of the research and knowledge structure this study carries out a co-occurrence analysis aiming to identify the clusters of main terms that co-occur in the examined papers and provide graphical visualization of relationships between those terms. Publications used in this study were determined on the basis of bibliometric analysis of the big data analytics papers published between 2005 and 2015 in all journals indexed by the Web of Science database. Presented study delivers an overview of the recent bibliometric research in the field and explains the used methodology, which is followed by general bibliometric information considering research outputs in terms of research papers by countries, institutions, authors and journals. The implementation of the co-occurrence analysis is described deeply in the presented paper. The terms (sequences of nouns and adjectives ending with a noun) were extracted from the titles and the abstracts of the selected papers and special software for visualizing bibliometric networks (VOSviewer) was used to create the term map, where the distances between terms signify the amount of their co-occurrences in the analyzed papers. Two clusters of significant size were indicated each of them representing a major area of the research studies on the big data analytics. At the end the interpretation of the results, discussion and the avenues of further research are given. The proposed study supports the researchers in the area with the insights that allow them better understanding of the current state and the trends in the big data analytics research.”

You can register for the free seminar by phone (01) 58-92-490, or via e-mail:  
[research.seminars@ef.uni-lj.si](mailto:research.seminars@ef.uni-lj.si) by Wednesday, 7<sup>th</sup> September 2016.

You can find all information regarding future research seminars on following link:  
[http://www.ef.uni-lj.si/raziskovanje/seminarji\\_in\\_konference](http://www.ef.uni-lj.si/raziskovanje/seminarji_in_konference)

**We look forward to seeing you!**