



**FINAL THESIS REVIEW**

Thesis type: Diploma

Student (name and surname): Bc. David Pospíšil

Supervisor: Assoc. Prof. Jaroslava Kubátová, Ph.D.

The topic of the final thesis: Artificial Intelligence in Global Management

**1. Difficulty of the thesis in:**

Theoretical knowledge	standard	high
Input data and its elaboration	standard	high
Applied methods	standard	high

**2. Evaluation of the thesis:**

Criterion	Evaluation grade (acc. to SC UP)					
	A	B	C	D	E	F
Level of reaching the thesis goal(s)					x	
Logical construction of the thesis					x	
Student's work during the topic elaboration						x
Amount of the student's own contribution in comparison to the amount of taken information				x		
Suitability of applied methods						x
Work with resources including citations					x	
Layout of the thesis (text, graphs, tables)		x				
Stylistic level, grammaticality			x			
Applicability of the thesis conclusions in practice						x

**3. Questions to answer during the defense (eventually remarks of the supervisor):**

The topic of the thesis was suggested by the author Mr. David Pospíšil. After the first and in fact only consultation with the supervisor the annotation of the thesis was formulated as follows:

„The aim of this work is to analyze the possible outlook of the development of artificial intelligence in the field of global management. The thesis deals with the field of artificial intelligence and the closely related question about how the advent of technology disturbs the building structures and decision processes in the companies and the whole society. The work also focuses on the comparison of selected Asian states and Asian companies and their attitude to the development and application of artificial intelligence compared to

the United States and the countries of the European Union.“ (See Data about DIPLOMA STUDENT'S THESIS in IS/STAG).

Even though the author more or less preciously repeats this annotation in the introduction of the thesis, he quickly comes with a hypothesis stating that “... we as a global society will undergo fundamental reorganization for the purpose of developing Artificial General Intelligence (AGI) as the second law of thermodynamics states that the entropy of the total system always tends to increase, i.e. the natural force always tends to make things more random.”

As a method to support his claims, the author suggest to “...give examples of case studies of companies dealing with artificial intelligence.” These case studies are chosen U.S. and Chinese companies and then quite surprisingly the author decided to make “final comparison” to the model proposed by “the company SingularityNet” (the company?!). In Chapter 1 the author writes: “This thesis involves several multidisciplinary approaches, where each topic brings only limited insight to the problem, however the conclusion should be well-structured as a clear evidence for my hypothesis devoted to the role of AI in a global management.”

The method or methods applied by the author are not in accordance with scientific approach. The diploma thesis may be considered to be an essay based on quite a massive body of sources. In this essay the author tries to persuade the readers that his (i.e. the author's) scenario of the future is the one which is going to happen and that it is a good one. There are very many methodological problems in the thesis, the most serious are as follows:

The author proposes a hypothesis. However, the hypothesis is neither appropriately formulated nor tested. Instead the author presents purpose-chosen sources which support his view. He does not use any source which presents an alternative view.

It is apparent that the author fell into the confirming-evidence trap, which is a well-known managerial mistake. The author, regarding his study program, is supposed to be aware of this possibility and to be able to avoid it. But he was not. Moreover, he uses some academic sources but also sources which are not adequate for a master thesis, e.g. the sources in the chapter 5.3.1 (SingularityNET), businessinsider imd, Britannica. He also subjectively evaluates some sources (e.g. as Veverka has shown in his phenomenal book, p. 16). In sum, the research and the conclusions (see particularly Chapter 5.3) presented in this thesis are biased.

The title of the thesis is Artificial Intelligence in Global Management. Thus the terms “artificial intelligence” and “global management” have to be defined in detail. At least it has to be clear what is understood under these term in this thesis. The whole chapter 2 deals with a question “What is artificial intelligence?” The author speaks here also about Artificial General Intelligence. But after reading 20 pages, the reader can't be sure what the author means.

Similar situation is with the term “global management” – chapter 3. In chapter 3.3 the author writes: “When I use the term *global management* it is meant as to describe the growing potentiality for the international management to relay on the emerging disruptive technologies ad become less dependent on the prevalent hierarchical model.” A relevant scientific definition of management, global management or international management is missing.

Many more remarks can be made, e.g. why there are case studies and additional case studies in the thesis.

To defend the thesis the author has to able to explain how decision making has been changing since the machine learning or technologies called artificial intelligence are available.

4. The thesis has gone through the STAG theses.cz anti-plagiarism control resulting in: the thesis **is not a plagiarism**.

5. The thesis **is** recommended for the defense.

6. Suggested classification grade: **E**

Olomouc, 17. 12. 2019

Place and date

Signature of the supervisor