

REVIEW

**by Associate Professor Dr. Sc. Maksym Bezpartochnyi – professional field 3.8. Economics,
National Aerospace University named after Zhukovsky “Kharkiv Aviation Institute”**

of the materials submitted for participation in the competition

for the academic position of „**Associate Professor**“ at the **Higher School of Insurance and Finance**
in the field of higher education 3. Social, Economic and Legal Sciences, professional field
3.8. Economy (Economic and Information Security)

In the competition for the academic position of „Associate Professor“, announced in the State Gazette, 22 / 18.03.2022 and on the website of the Higher School of Insurance and Finance, as a candidate participates Dr. Peter Losonczi from the University of Security Management in Kosice (Slovakia).

1. General presentation of materials received

By order № 126 of 30.05.2022 of the Rector of the Higher School of Insurance and Finance I was appointed a member of the scientific jury for a competition to fill the academic post of “Professor“ at VUZF, in higher education 3. Social, Economic and Legal Sciences, professional field 3.8. Economy (Economic and Information Security).

Dr. Peter Losonczi is the only candidate in the competition. He presented the following materials for review:

- Certificate of the scientific position held at the University of Security Management in Kosice;
- Curriculum vitae;
- Copy of the diploma for the educational and scientific degree “Doctor”;
- Habilitation work – monograph;
- List of publications after defending a doctoral dissertation;
- Abstract of publications;
- Information on scientific contributions in publications and citations;
- Texts of scientific publications, accompanied by separation protocols in the presence of co-authorship;
- Information of participation in projects;
- Medical certificate;
- Certificate of no criminal record;

- Consent form for the processing of personal data in relation to the participation in the competition.

The candidate Dr. Peter Losonczi has submitted a total of 120 scientific papers, including 13 monographs, 18 articles and reports, published scientific journals, referenced and indexed in world-famous databases of scientific information. The candidate Dr. Peter Losonczi has the following publications in world scientometric databases: SCOPUS – 13, Web of Science – 5. The candidate Dr. Peter Losonczi has citations: SCOPUS – 14, Web of Science – 2, Google Scholar – 99. The candidate Dr. Peter Losonczi has participated in 18 research projects directly related to economic and information security. Total number of points in the reference for the scientometric indicators of Dr. Peter Losonczi is 290, which is twice the required amount. All indicators meet the requirements for an Associate Professor both from a quantitative and qualitative point of view.

2. Brief biographical data on the candidate

Dr. Peter Losonczi holds a Master's degree (Environmental Protection Technology – 2000 from Technical University in Kosice). In 1998 he was awarded the academic degree “Doctor” (PhD) in the doctoral program „Protection of people and property” at the University of Zilina University, Faculty of Special Engineering (diploma No. 11/2006, 17.07.2006); topic of the dissertation “Measuring methods for assessing the quality of security management as a stimulator for the development of protection of protected assets”. In 2014, he completed a course on information security at the Ministry of Finance of the Slovak Republic. In the period 2014 - 2015 – Master Business Administration (MBA) from the University of Management in Warsaw (Poland) and the University of Security Management in Kosice (Slovakia). In 2019, he completed information security courses and received information security manager the ISO 27000 CIS certificate.

The candidate has 20 years of scientific and pedagogical experience in higher education. From 2002 to 2008, he worked as an Assistant at the University of Zilina at the Faculty of Special Engineering. Since 2008, he has worked as an Assistant Professor and Vice-Rector for Informatization and Development at the University of Security Management in Kosice. In 2019 and 2020, he served as Acting Rector of the University of Security Management in Kosice. Since 2021, he has been working as the First Vice-Rector of the University of Security Management in Kosice.

In the period 2010 - 2020 Dr. Peter Losonczi is involved in the development and implementation of the following research projects funded by the Ministry of the Interior of the Slovak Republic, the Council of the Government of the Slovak Republic for Crime Prevention, the Agency of the Ministry of Education, Science and Research and Sports of the Slovak Republic. The topics of the projects were related to economic and information security.

Dr. Peter Losonczi speaks Slovak, German and English. The candidate is the Chairman of branch of the Slovak Electro-Technical Society at the University of Security Management in Kosice.

The areas of scientific interest of the candidate in the competition are economic and information security.

The above is proof of the desire of Dr. Peter Losonczi to constantly improve his skills and is an indication of professionalism and focus in her work and extensive practical experience.

3. General characteristics of the candidate's activity

The presented reference for fulfilment of the minimum national requirements under Art. 2b, para 2 and 3 of ZRASRB for holding the academic position “professor” in 3.8 “Economics” shows fulfilment of the cumulative quantitative requirements, formed by the components under section I. National minimum requirements according to ZRASRB (art. 2b) and the Regulations for its application (art. 1a, para 1).

The number of points required to meet the national minimum requirements is accumulated as follows:

- Defended dissertation for awarding the educational and scientific degree „Doctor“ on the topic: “Measuring methods for assessing the quality of security management as a stimulator for the development of protection of protected assets“ (50 points);

- Habilitation work – monograph on the topic: „Certain aspects of information security in the university environment“ (100 points);

- Published monograph, which is not presented as the main habilitation paper: “Information Technology for Security” (100 volumes);

- Articles and reports published in scientific journals, links and indexes in world famous databases of scientific information (13 vols.) (30 vols., in co-authorship – 93,5 points);

- 9 vols. citations in scientific journals, references and indexing in the world famous database (135 points);

- Articles and reports published in unrefereed journals with scientific review or published in edited collective volumes (15 vols.) (20 vols., co-authored – 46,5 points);

- 10 vols. citations in scientific journals, referenced and indexed in a world-famous database (120 points).

The main **habilitation work** – monograph with which Dr. Peter Losonczi participates in the competition is on the topic “*Certain aspects of information security in the university environment*“. The monograph is written in Slovak, abstract in English. The volume of the study is 120 pages. The monograph is structured in an introduction, an exposition in three chapters, a conclusion and used

literature. The bibliography lists 64 sources of information. Many of them are quoted in the main presentation. The citation is correct. The tabular and graphic material contains a correct indication of the sources of information.

The relevance of the topic of the economic and information security is indisputable. The author proposes a methodological approach for assessing the key security risks when working with information in a university environment, taking into account the current legislative environment and the results of research in this area. The author's recommendations are aimed at the need to introduce tools that can increase the security of information. The use of foreign standards is envisaged (e.g. ISO 27 000 or ISO 9 000).

The following merits of the peer-reviewed work deserve positive evaluation: clear goal and tasks of the research, as well as a well-formulated scientific hypothesis; detailed structure of the research - the issues included in the content cover the problems of information security in the university environment, the legal framework of information protection, information risk management and copyright.

An important contribution of the research is the synergy of tangible and intangible elements of the information security system in the university environment.

The role of the scientific contribution is assigned to the application of interdisciplinary decisions on information security in the university environment. The author notes that the perspective is seen more in the support of research by consortia of universities with such a contribution that will mimic real practice with all its shortcomings.

The study reflects the identification of the state of affairs in the Slovak Republic and the need to find a new direction in security education, closer interconnectedness of the academic community and ultimately raising public awareness of security.

The author's style is academic, but at the same time pleasant and fascinating to read. A very pleasant impression made by the author's approach to summarizing the conclusions after each chapter of the monograph. I have no comments on the monograph.

The importance of publishing is evidenced by the fact that the dissertation and articles were written in English and posted on the pages of prestigious international publications - in Scopus (13 vols.) and Web of Science (5 vols.). In support of this conclusion, references are given to quotations from 10 references and quotations from publications of Dr. Peter Losonczy by foreign authors.

Among the most **significant scientific, methodological and practical-applied** contributions of the candidate in the competition are the following:

- 1). Identified risks to information security in the university environment.
- 2). Proposed modern technologies for information security in the university environment.

3). Methodological approaches for the implementation of information security in the educational process have been developed.

I accept **the scientific and practical** - applied contributions of Dr. Peter Losonczi presented in the list to the documents for participation in the competition as realistic and actually proven. These contributions in the individual thematic areas can be summarized as the use of fundamental scientific knowledge and its transformation into specific applied knowledge, the introduction of new and supplementing existing requirements to the economic and information security.

4. Assessment of the personal contribution of the candidate

A certain scientific and applied scientific contribution belongs to Dr. Peter Losonczi. He correctly reflected his own results of his research work. Joint team activity is objectively indicated, co-authors are indicated. All used literature and electronic sources are also presented accurately and correctly.

5. Critical remarks and recommendations

I have no critical remarks or recommendations. I wish the candidate to continue his scientific-research work.

6. Personal impressions

I personally do not know the candidate, but based on his biography, teaching and research work, and a lot of hard work in the monograph, I got a positive impression as an Associate Professor.

CONCLUSION

The documents and materials submitted by Peter Losonczi **comply with all the requirements** of the Bulgarian Academic Staff Development Act, Implementing Rules thereof, and the relevant Rules of VUZF.

The candidate in the competition has submitted a **significant** number of research papers published after the materials used to defend his „Doctor” degree. The candidate’s works feature original theoretical and applied research contributions that have been internationally recognized, with a representative part of them having been published in journals and scientific collections issued by international academic publishers. His works have practical relevance, some being directly oriented toward research and learning. Peter Losonczi’s research and teaching qualifications are **undoubted and were acquired over the years of research and academic development in Slovakia and other countries**. Peter Losonczi’s learning and research achievements are **fully** in line with the VUZF’s

Implementing Rules for the Bulgarian Academic Staff Development Act.

Having examined the monograph and research works presented in the competition, analyzed their relevance, and theoretical and applied research contributions contained therein, I consider it reasonable and fully convincing to give my **positive assessment**, and I hereby recommend that the scientific jury draw up a report to the Academic Council of VUZF for the election of Peter Losonczi to the academic position of „Associate Professor“ in the professional field 3.8 “Economics“ (Economic and Information Security).

17 June 2022



Reviewer:

/ Assoc. Prof. Dr. Sc. Maksym Bezpartochnyi /