



MINISTRY OF DEFENCE

DEFENCE INSTITUTE „PROFESSOR TZVETAN LAZAROV”

Sofia 1592, Blvd. „Prof. Tsvetan Lazarov” № 2, fax: 02/92 21 808, <http://di.mod.bg>

S T A T E M E N T

by Associate Professor Dr. Zarko Ivanov Zdravkov, Defense Advanced Research Institute, National Defense College "Georgi S. Rakovsky",
Sofia 1504, Blvd. "Evlogi and Hristo Georgievi" 82, tel. : 02 92 26514

regarding the concourse for the academic position of “professor” for civil servant, in the field of higher education 5. “Technical sciences”, professional field 5.3. "Communication and Computer Engineering", scientific specialty "Information Technology and Cybersecurity", at the Defense Institute "Professor Tsvetan Lazarov", published in the State Gazette, issue. 24 / 23.03.2021 in accordance with the Order of the Director of the Institute of Defense № 130 / 16.03.2021

with the candidate:

Dr. Eng. Rosen Stankov Iliev, "Associate Professor" at the Defense Institute
"Professor Tsvetan Lazarov"

1. General characteristics of the scientific research, scientific applied and pedagogical activity of the candidate

In the announced concourse for the scientific title "Professor" the candidate presents 52 papers, of which monographs - 3, articles and reports - 36, research and research projects - 11 and 2 studies and tactical and technical assignments. Of the presented titles - 44 of them are in Bulgarian and 8 - in English.

The published research is in the field of information and communication systems and technologies, and the achieved scientific and applied results improve the processing of information in automated information systems. The main scientific and applied results of the candidate are proposed methods, approaches and models for design and configuration of data centers and cloud environments, creation of integrated information environments for collaboration and computer systems to support decision-making in the field of crisis management.

The set goals, the solved tasks and the achieved results in the works of associate professor Iliev define him as a researcher and implementer. His qualities as an organizer and popularizer of science are evident from his work as Secretary of the Scientific Council of the Institute of Defense and his active participation in the organization and holding of a number of scientific forums.

2. Assessment of the special preparation and activity of the candidate

The candidate has 25 years of experience as a researcher in various scientific organizations and has consistently passed through all scientific positions to "associate professor". During this period he acquired 1 (one) specialization, 4 (four) postgraduate qualifications and a number of certificates, the most important of which are: Training Certificate (2004): "NMCC Operator's Training" (Northrop Grumman, The United States Air Force); Certificates of Achievement (2006): "Implementing and Managing Exchange 2003", "Administering Microsoft Share Point Portal Server 2003", "Designing IT Platform Collaborative Applications with Microsoft Share Point 2003" (Microsoft certified Partner for Learning Solutions);

Golden certificate (2009): "For high professional success as a system engineer, designer and chief designer of Automated Management Information System".

At the moment, Associate Professor Iliev supervises 4 doctoral students, and 1 has successfully defended.

The scientific production developed over the years and established in practice is accompanied by active research and implementation experience, which is proven by its participation in 5 international, 6 national (scientific) and 15 departmental (technical and system) projects.

I believe that the candidate has the professional, research, implementation and personal qualities to take the academic position of "professor" in the announced concourse.

3. Main scientific results and contributions

I accept the claim for the contributions proposed by the candidate as essence and application, but I do not accept their formulation through the classification made in the author's reference. The nature of the contributions is not defined in a sound scientific style.

I determine the obtained results and contributions as:

- Enrichment of existing knowledge: the three monographs (II.3.1, II.3.2, II.3.3); publications in Springer 2020 (II.3.63, II.3.75); publications of original models (II.3.53, II.3.54, II.3.56, II.3.66, II.3.74, II.3.76, II.3.77, II.3.78); publications of solutions and approaches (II.3.51, II.3.52, II.3.65);
- – Application of scientific achievements in practice: articles (II.3.44, II.3.45, II.3.46, II.3.47, II.3.48, II.3.49, II.3.50, II.3.55, II.3.57, II.3.58, II.3.59, II.3.60, II.3.61, II.3.62, II.3.64, II.3.67, II.3.68, II.3.69, II.3.70, II.3.71, II.3.72, II.3.73, II.3.79).

Of the 39 publications presented (monographs - 3, articles and reports - 36), the candidate is the sole author of 11 of them, first author in 13 articles and second author in 15 articles, which proves his personal contribution and his ability to work in a team.

4. Assessment of the significance of the contributions for science and practice

The candidate has applied his knowledge, skills and scientific achievements in 5 international, 6 national (scientific) and 15 departmental (technical and system) projects. Two publications are in a journal with SJR. A list of 32 citations is presented, of which 6 in scientific journals, referenced and indexed in world-famous databases, 25 in collective volumes with scientific review and 1 in non-refereed journals with scientific review.

5. Critical notes regarding the presented scientific papers

I have only one essential recommendation to the research work and the scientific production of the candidate, considering his future activities - to be more active in publishing his scientific and scientific - applied results in publications with impact factor or impact rank.

6. Conclusion

The nature and content of the scientific publications submitted by the candidate in the concourse and the attached documentation fully meet the requirements of the Academic Staff Development Act in the Republic of Bulgaria and the Regulations for its implementation in its part for scientific production with contributions and applicability in the research and teaching process for holding the academic position "Professor" in higher education field 5. "Technical Sciences", professional field 5.3. "Communication and computer technology", scientific specialty "Information technology and cybersecurity".

7. Assessment of the candidates

Based on the analysis of the presented scientific papers, their significance, the scientific, scientific-applied and applied contributions contained in them, I give a positive assessment of the scientific activity of Associate Professor Dr. Rosen Stankov Iliev. In view of this, I recommend to the esteemed members of the scientific jury and to the esteemed members of the scientific council of the Defense Institute to vote for the award of the academic position "Professor" in higher

education field 5 "Technical Sciences", professional field 5.3 "Communication and Computer Engineering", Scientific specialty "Information Technology and Cybersecurity ", to Associate Professor Dr. Eng. Rosen Stankov Iliev.

Jury member:

Date: 21.06.2021 г

Associate Professor Dr. **/S/** (Z. Zdravkov)