



МИНИСТЕРСТВО НА ОТБРАНАТА
ИНСТИТУТ ПО ОТБРАНА „ПРОФЕСОР ЦВЕТАН ЛАЗАРОВ”
София 1592, бул. „Проф. Цветан Лазаров” № 2, факс: 02/92 21 808, <http://di.mod.bg>

О P I N I O N

by Dr. Maya Georgieva Bozhilova,
Associate Professor at “Tsvetan Lazarov” Defence Institute
on the Competition for the academic position “Professor”
under the Scientific Field 5. Technical Sciences, the Professional Area 5.3.
“Communication and Computer Technology”, the Scientific Specialty
“Information Technologies and Cyber Security”, announced by Order №
130/16.03.2021 of the Director of the Defence Institute and published in the
State Gazette,
issue 24 of 23.03.2021 with a single candidate
Dr. Rosen Stankov Iliev
Associate Professor at “Professor Tsvetan Lazarov” Defence Institute

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

The research activity of Assoc. Prof. Iliev is mainly related to research in the field of information and communication technologies for defence – the development of the communication and information infrastructure of defence; the design and developing of automated information systems, data centers and collaboration systems; modeling of processes for support decision making and management.

According to the author's reference presented by Assoc. Prof. Iliev, the list of his scientific productions contains 84 titles, of which 39 scientific papers (36 publications and 3 monographs) participate in this competition. The publications submitted for review did not participate in the procedures for obtaining the educational and scientific degree "Doctor" and the scientific title "Associate Professor".

Associate Professor Iliev actively participates in the projects developed inside and outside his scientific unit. He is a participant in 5 international, 6 national and 15 departmental projects.

The pedagogical activity of the candidate is related to the training of doctoral students. He is the supervisor of five doctoral students, one of whom has successfully defended, and the other four are in the process of training.

I accept the self-assessment provided in the competition documentation of the compliance with the minimum requirements of the announced competition, which shows that Assoc. Prof. Iliev exceeds the minimum national requirements under the Academic Staff Development Act of the Republic of Bulgaria and the Regulations for its implementation.

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

Associate Professor Iliev has been working for over 30 years in research and development units at the Ministry of Defence.

In 2002 he obtained the educational and scientific degree "Doctor" under the scientific specialty "Automated systems for information processing and management", defending a dissertation on "Using new information technologies to optimize the management process of engineering troops."

Since 2012 he has held the academic position of "Associate Professor" at "Prof. Tsvetan Lazarov" Defence Institute, in the Scientific field 5. Technical Sciences, the Professional Area 5.2. Electrical engineering, electronics and

automation.

In 2015, Assoc. Prof. Iliev was elected Scientific Secretary of the “Prof. Tsvetan Lazarov” Defence Institute.

I have known Assoc. Prof. Iliev since 1992 as an excellent professional and responsive colleague. The impressions I have from his work as a researcher, research supervisor of doctoral students and scientific secretary of the Institute, give me reason to say that the candidate has the necessary special training in military science and information and communication technologies to continue to develop scientific research and development in the interests of defence.

3. Main scientific results and contributions

The scientific works of Assoc. Prof. Iliev, submitted for review can be classified in the following research areas:

- Approaches and models for improving information processing in automated control systems (II.3.52, II.3.53, II.3.54, II.3.56, II.3.66)
- Research related to information and communication systems and technologies, data centers and cloud environments (II.2.2, 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.3.60, II.3.61, II.3.63, II.3.74)
- Research related to integrated collaboration information systems and computer systems to support crisis management and decision-making (II.2.1, II.3.58, II.3.59, II.3.62, II.3.64, II.3.65, II.3.67, II.3.68, II.3.69, II.3.70, II.3.71, II.3.72, II.3.75, II.3.76, II.3.77, II.3.79)
- Hydrological modeling and support of water management (II.2.3, II.3.73, II.3.78)
- Projects related to automated information systems for the needs of defence and cybersecurity (II.4.39, II.4.40, II.4.43).

The results and contributions obtained in the above areas of research are defined mainly as the enrichment of existing knowledge and application of scientific achievements in practice.

I am not aware of any plagiarism in the presented scientific papers. Their careful analysis shows the undoubted authorship of Assoc. Prof. Iliev.

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

Much of the scientific production of Assoc. Prof. Iliev is related to applied research in the field of defence. My assessment is that Assoc. Prof. Iliev has serious scientific and applied contributions in the development of solutions with the application of information and communication technologies for the needs of defence.

5. Critical notes for the submitted works

I have no significant critical remarks on the scientific papers presented to me for review.

6. Conclusion

I believe that all the requirements of the Academic Staff Development Act of the Republic of Bulgaria, the Regulations for its implementation and the Regulations for the terms and conditions for holding academic positions at the "Prof. Tsvetan Lazarov" Defence Institute have been met. I give a convincing positive assessment of the materials submitted for participation in the competition and I invite the esteemed members of the Scientific Jury to vote for the award of Assoc. Prof. Dr. Rosen Stankov Iliev the academic position "Professor" in the Scientific Field 5. Technical Sciences, the Professional Area 5.3. "Communication and Computer Technology", the Scientific Specialty "Information Technology and Cyber Security".

Date: 24.06.2021 г.

Member of Jury: **/S/**
(Assoc. Prof. Dr. Maya Bozhilova)