POSITION

from Professor Radoslav Dimov Pavlov, PhD,

Institute of Mathematics and Informatics at the Bulgarian Academy of Sciences

on a competition for the academic position "**Associate Professor**"

in the professional field 4.6. Informatics and Computer Science, specialty

"Informatics", announced for the needs of the Modeling and Optimization Department

at the IICT-BAS in SG № 97/15.11.2024 with sole candidate

Assistant Professor Kristina Ivanova Dineva, PhD

In accordance with Order 9/10.01.2025 of the IICT Director, I have been appointed a member of the Scientific Jury for a competition for the academic position "**Associate Professor**" in the professional field 4.6 "Informatics and Computer Science", announced in SG № 97/15.11.2024.

As member of the Scientific Jury, preparing a Position, I have received all the documents submitted for participation in the competition.

1. General description of the presented materials

The evaluation of the candidates for the academic position "Associate Professor" shall be carried out in accordance with Art. 57a of the Rules for Implementation of the Law on the Development of Academic Staff in the Republic of Bulgaria (RILDASRB), and in accordance with Art. 53 and the results of the inquiries under Art. 54(1) also from RILDASRB. In compliance with the implementation of Art. 53 and on the basis of the presented documents, the existence of the following documents was established:

- copy of diploma №001323 from 05.01.2021 for an educational and scientific degree "Doctor" in implementation of Art. 53(1);
- a certificate of work experience in the specialty, in accordance with the Art. 53(2a);
- publications in specialized scientific editions are presented, in accordance with Art. 53(3);
- a reference for fulfillment of the minimum national requirements and requirements of the IICT, establishing that the respective minimum national requirements and the requirements under Art. 1a, para. 2 are satisfied according to Art. 53(4);

- a reference for scientific and applied scientific contributions and the relevant legally required evidence for lack of plagiarism in the scientific works are attached in accordance with Art. 53(5).

For the implementation of Art. 54(1), the candidate has submitted a reference for fulfillment of the minimum national requirements and requirements of IICT, a reference for the requirements of Art. 1a, para. 2, as well as a reference for original scientific contributions, with the respective evidences attached.

2. General characteristics of the publications and a reference to the original scientific contributions and applied scientific contributions

For participation in the competition for the academic position "Associate Professor" prof. as. Dr. Kristina Ivanova Dineva submitted a list with a total of 16 works, beyond those participating in the procedure for "Doctor". Of them 4 publications in journals and 12 - proceedings of international scientific conferences. Of the publications, 4 are in journals with WoS impact factor, 11 in SJR and 3 in Scopus.

The 3 publications with a total score of 140 points, which exceeds the minimum required score of 100 points, are recognised for the Group C indicators. In group D, a total score of 286 points is formed, which exceeds the required minimum of 260 points. In Group E, a total of 288 points is obtained, which significantly exceeds the required minimum of 70 points. For the indicators in Group F, participation in scientific or educational projects with a total of 70 points in excess of the minimum required of 20 points shall be recognised.

All scientific and applied contributions in the presented publications are in the field of computer science computer science are related to the following thematic areas: 1) Cloud technologies and infrastructures; 2) Machine self-learning and artificial intelligence; 3) Methods and processes for data collection, analysis, processing and modeling. They address various aspects such as research, development and application of methods and processes for data collection, storage, analysis, processing and evaluation using various information technologies.

3. Assessment of the personal contribution

From the publications submitted to the competition, it can be established that in 13 the applicant is the first author, while in the remaining 3 it is assumed that she is an equal contributor with the other authors.

From the submitted reference it is found that the head as. Dr. Kristina Ivanova Dineva has participated in a total of 5 scientific and educational projects, of which 1 international and 3 national, declared in Group F.

All publications and their scientific and applied contributions are systematized and well presented.

4. Critical remarks and recommendations

Most of the publications presented are collective, from which a good teamwork can be inferred. I recommend the head as. Dr. Kristina Ivanova Dineva to continue her work on the actual topic of the competition, further developing her research activity in independent developments and with publication activity in journals with IF and SJR. I recommend prof. as. Dr. Kristina Ivanova Dineva to actively participate in the training of PhD students in order to pass on her rich scientific experience to the next generation of Bulgarian researchers.

5. Conclusion

All conditions according to the ADASRB, the Regulations for application of the ADASRB and the Regulations for application of the ADASRB in the IICT-BAS are met and I gave a **positive conclusion** for the election of **Dr. Kristina Ivanova Dineva**, in a competition for the academic position "Associate Professor" in the professional field 4.6 "Informatics and Computer Science", specialty "Informatics".

I propose that the Scientific Jury votes on the proposal to the Scientific Council of IICT-BAS to elect **Dr. Kristina Ivanova Dineva**, for the academic position of "Associate Professor" in the professional field 4.6 "Informatics and Computer Science", specialty "Informatics".

24.02.2025   Scientific Jury member:

                                            Professor

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