

OPINION

by **Professor Lyubka Atanasova Doukovska, PhD, DSc**
from the Institute of Information and Communication Technologies,
at the Bulgarian Academy of Sciences,
on the Competition for the academic position “**Associate Professor**”,
under the Scientific Field: 4. Natural Sciences, Mathematics and Informatics,
the Professional Area: 4.6. Informatics and Computer Sciences,
the Scientific Specialty: 01.01.12. Informatics
(Modeling of complex systems with large dimension),
for the needs of the Institute of Mathematics and Informatics –
Bulgarian Academy of Sciences,
announced in State Gazette No. 8/29.01.2021

with a participant - **Assistant Professor Venelin Todorov, PhD**

In accordance with Order No. 47/26.03.2021 of the Director of the Institute of Mathematics and Informatics – Bulgarian Academy of Sciences, I was included in the Scientific Jury of the competition for occupation of the academic position “Associate Professor” in the Scientific Field 4. Natural Sciences, Mathematics and Informatics, the Professional Area 4.6 Informatics and Computer Science, the Scientific Specialty 01.01.12. Informatics (Modeling of complex systems with large dimension), announced in the State Gazette, Issue 8 of 29.01.2021, for the needs of the Institute of Mathematics and Informatics at the Bulgarian Academy of Sciences, with the sole participant in the competition - **Assistant Professor Venelin Todorov, PhD.**

I. General information about the applicant.

Venelin Todorov was born on December 11, 1986 in the town of Ruse. He completed his master's degree in 2011 at the Faculty of Mathematics and Informatics at the Sofia University "St. Kliment Ohridski". He obtained his PhD degree at the Institute of Information and Communication Technologies at the Bulgarian Academy of Sciences in 2017.

In the period 2015-2016 he was a part-time assistant in mathematics at the University of National and World Economy. Since 2014 he has been employed at the Bulgarian Academy of Sciences and is part of the scientific staff of the Institute of Information and Communication Technologies. Since 2017 he has been part of the scientific staff of the Institute of Mathematics and Informatics.

Venelin Todorov received the Award for the best young scientist of Bulgarian Academy of Sciences for 2018, and in 2019 he received the Grand prize of Bulgarian Academy of Sciences for young scientists, in the category up to 35 years in the name of Prof. Marin Drinov.

II. General characteristics of the submitted documents and works.

As a member of the Scientific Jury I have received the following documents:

1. Order No. 47/26.03.2021 of the Director of the Institute of Mathematics and Informatics at the Bulgarian Academy of Sciences.

2. Application to the Director of the Institute of Mathematics and Informatics for admission to the competition.

3. Professional CV in European form.

4. Diploma of the MSc degree.

5. Diploma of the PhD degree.

6. Common list of publications.

7. List of publications for participation in the competition.

8. A self-signed reference to the original scientific contributions of to the works submitted for the competition participation.

9. Abstracts of the publications submitted for participation in the competition in Bulgarian language and in one of the languages traditionally used in the relevant scientific field.

10. Copies of the publications under item 7.

11. Common citations list.

12. List of citations submitted for participation in the competition.

13. Copy of the State Gazette No. 8 of 29.01.2021 announcing the competition.

14. Certificate of internship in the specialty in accordance with the requirements of Art. 24 para 1 item 2 of the *Development of Academic Staff Act in the Republic of Bulgaria*.

15. Other documents at the discretion of the candidate - list of research projects and awards.

16. Information on a model for implementation of the minimum national requirements under Art. 2b, # 2 and # 3 and # 5 of the *Development of Academic Staff Act in the Republic of Bulgaria*, as well as the minimum requirements of the Institute of Mathematics and Informatics at the Bulgarian Academy of Sciences, to which the necessary evidence is attached.

17. Sample declaration.

18. Declaration of consent for storage and processing of the personal data of the applicant.

In accordance with the requirements of the *Development of Academic Staff Act in the Republic of Bulgaria* and the specific requirements in the Act's Institutional Regulation, the candidates for occupying the academic position of "Associate Professor" must meet the following conditions, regulated in Art. 24. (1):

1. Have acquired an educational and scientific PhD degree;

2. Have held for at least two years the academic position of Assistant Professor;

3. Have submitted published monographs or equivalent publications in specialized scientific publications that do not repeat the ones submitted for the PhD degree;

4. To comply with the minimum national requirements under Art. 2b, # 2 and # 3, respectively, of the requirements of art. 2b, # 5;

5. Not to have plagiarism in the scientific publications proven by the legislation order.

III. General characteristics of the applicant's scientific, applied and teaching activities.

According to the submitted author's reference, **Assistant Professor Venelin Todorov** participated in the competition with twenty papers. This includes seventeen with SCImago Journal Rank [1, 2, 3, 4, 5, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20], one indexed in Scopus without SJR [6] and two non-indexed [7, 8].

The publications submitted were not used in the procedures for obtaining the PhD degree and the scientific position of “Assistant Professor”. All publications are in the field of competition.

The submitted by the candidate publications are original and I do not know of plagiarism.

I accept the author's reference for the contributions in the works with which **Assistant Professor Venelin Todorov** participated in the competition, the results being scientific, scientifically applied and applied in nature and can be defined as enrichment of an existing scientific field with new knowledge.

The citation report presented by **Assistant Professor Venelin Todorov** shows a total number of 36 citations, 33 of them in WoS and Scopus, 1 in IEEE Xplore, 1 in Zentralblatt and 1 in non-indexed edition. I agree that this number is at the time of submission of the competition documents and no new citations have been included.

Assistant Professor Venelin Todorov has been a member of a team of twelve scientific projects.

IV. Critical notes and recommendations.

I have no critical comments on the materials submitted by the applicant for the participation in this competition. I would like to recommend to **Assistant Professor Venelin Todorov** to focus his efforts in working with PhD students in order to pass on his scientific experience to the next generation of Bulgarian researchers in the field of information technologies.

V. Conclusion.

In conclusion, I agree that the requirements of the Law for the *Development of Academic Staff Act in the Republic of Bulgaria* and the specific requirements in the Act's Institutional Regulations for its implementation, the Rules for the conditions and the order for acquiring academic degrees and for the occupation of academic positions in the Bulgarian Academy of Sciences and the Rules for the specific conditions for acquisition of academic degrees and occupation of academic positions at the Institute of Institute of Mathematics and Informatics at the Bulgarian Academy of Sciences are accomplished. After getting acquainted with the materials submitted by the applicant for the competition, I give my positive estimation about the choice of **Assistant Professor Venelin Todorov** in the competition for the academic position of “**Associate Professor**” for the needs of the Institute of Mathematics and Informatics at the Bulgarian Academy of Sciences, in the Scientific Field 4. Natural Sciences, Mathematics and Informatics, the Professional Area 4.6. Informatics and Computer Sciences, the Scientific Specialty 01.01.12. Informatics (Modeling of complex systems with large dimension).

I propose that the Scientific Jury unanimously vote for a proposal to the Scientific Council of the Institute of Mathematics and Informatics at the Bulgarian Academy of Sciences, to elect **Assistant Professor Venelin Todorov** for the academic position of “**Associate Professor**” in the Scientific Field 4. Natural Sciences, Mathematics and Informatics, the Professional Area 4.6. Informatics and Computer Sciences, the Scientific Specialty 01.01.12. Informatics (Modeling of complex systems with large dimension).

26.04.2021

Sofia

Signature:

/Prof. Lyubka Doukovska, PhD, DSc/