

OPINION

**by Assoc. Prof. Nora Angelova Angelova
about the competition for acquiring the academic position of
“Associate Professor”
at the Institute of Mathematics and Informatics of the
Bulgarian Academy of Sciences,
in the field of higher education: 4. Natural Sciences, Mathematics and
Informatics; professional field 4.6. Informatics and Computer Science;
scientific specialty “Informatics (Information modelling of service networks)”,
announced in the Bulgarian State Gazette No. 70/ 07.08.2020**

The only candidate in the competition is Sen. Assistant Prof. Velin Stoyanov Andonov, PhD.

The reason for expressing the present opinion is my appointment as a member of the Scientific Jury by order № 190/06.10.2020 of the Director of the Institute of Mathematics and Informatics (IMI) of the Bulgarian Academy of Sciences (BAS), Academician Veselin Drenski, regarding the procedure for acquiring the academic position “Associate Professor” in professional field 4.6. Informatics and Computer Science; scientific specialty “Informatics (Information modelling of service networks)”, announced in the Bulgarian State Gazette No. 70/07.08.2020.

1. Short biographical data

From the presented professional autobiography of the candidate, it is evident that he was born on January 8, 1985, in the town of Stara Zagora. In 2011 he acquired a master degree in mathematics at the Faculty of Mathematics and Informatics of the Sofia University “St. Kliment Ohridski”. In 2011, he was a part-time Assistant Professor in Mathematics at the Trakia University, Stara Zagora. In 2015 he accomplished his PhD degree in Informatics at the Institute of Biophysics and Biomedical Engineering of the Bulgarian Academy of Sciences. From 2018 until now he has occupied the position of Sen. Assistant Professor at IMI-BAS.

I would like to make a remark about the different chronological order of the events presented in the sections “Work experience” and “Education and learning” of the presented autobiography.

2. Scientific publications

According to the presented List of all publications of the candidate, Dr. Andonov is author of a PhD thesis and 49 other scientific publications, 16 of which are in journals with impact factor or impact rank, while 8 are indexed in Scopus, IEEE Explore and Zentralblatt. Dr. Andonov is the only author of 12 of the publications.

A large part of the scientific research of the candidate is devoted to the Generalized nets, Generalized net models and their applications.

3. Summary of the scientific contributions

According to the presented “*Summary of the scientific contributions in the publications presented as a cumulative habilitation thesis*“ and “*Summary of the scientific contributions in the publications for participation in the competition*”, Velin Andonov takes part in the competition with:

- A cumulative habilitation thesis consisting of 7 publications in the scientific area “Modelling of service systems”, of which 5 have SJR, 2 are in conference proceedings indexed in Scopus (group B – 124 points).
- 14 more scientific publications, of which 1 has IF; 7 have SJR; 4 are indexed in Scopus (IEEE Xplore) without SJR; 2 are indexed in Zentralblatt (group Γ – 236 points).

One of the presented publications for participation in the competition has impact rank (IF, 0,27) [5]. The candidate is the only author of this paper.

I have additionally received a written explanation by the candidate regarding a question to him about some mistakes in Appendix 2.2. His explanation has been taken into account in the present opinion.

All papers are published in journals or presented at conferences in the fields of Mathematics, Informatics and Computer Science.

4. Citations

According to the list of all known citations of the candidate, Dr. Andonov has 55 citations of his scientific publications. Of these citations, 28 are presented for participation in the present competition. These 28 citations can be classified as follows:

- 21 in Scopus/Web of Science.
- 6 in Zentralblatt.
- 1 in IEEE Xplore.

5. Participation in National scientific or educational projects

Dr. Andonov takes part in the competition with 3 projects for the past 8 years. They are:

- A project in a thematic competition titled “Simulation of the behavior of forest and field fires”.
- A project in the competition “National funding for participation of Bulgarian teams in scientific projects under European program COST” with title „Predicting the Quality in Information Service Networks “.

