

OPINION

regarding the competition for the academic position of “Associate Professor“ in the “Mathematical Linguistics“ section within Higher Education Field 4. Natural Sciences, Mathematics and Informatics, Professional Area 4.6. Informatics and Computer Sciences, scientific speciality “Informatics” (Systems for the Management of Digital Cultural Content and E-learning) for the needs of the Institute of Mathematics and Informatics – Bulgarian Academy of Sciences (IMI-BAS), announced in State Gazette No. 103/2 December 2025 and on the IMI-BAS website

The opinion was prepared by Prof. Krasen Stefanov Stefanov – Faculty of Mathematics and Informatics at Sofia University “St. Kliment Ohridski”, member of the scientific jury for the competition in professional field 4.6 Informatics and Computer Sciences, scientific speciality “Informatics” (Systems for the Management of Digital Cultural Content and E-learning), in accordance with Order No. 9/30 January 2026 of the Director of the Institute of Mathematics and Informatics – Bulgarian Academy of Sciences.

A single candidate has submitted documents to participate in the announced competition:

Senior Assistant Professor Dr Maxim Krasimirov Goynov, Section of Mathematical Linguistics at the Institute of Mathematics and Informatics, Bulgarian Academy of Sciences.

1. General description of the submitted materials

The documents submitted by the candidate Maxim Goynov in response to the competition fully comply with the requirements of the Law on Scientific Research and the Regulations for its Implementation, the Regulations on the conditions and procedures for the award of academic degrees and the appointment to academic posts at the Bulgarian Academy of Sciences, as well as the Regulations on the conditions and procedures for the award of academic degrees and the holding of academic posts at the Institute of Mathematics and Informatics (IMI) of the Bulgarian Academy of Sciences.

To participate in the competition, the candidate, Senior Assistant Professor Dr Maxim Goynov, submitted a total of 18 documents (an application to participate in the competition and 17 other documents described in the application and meeting all requirements). In particular, the candidate submitted a list of a total of 22 scientific publications for the competition, as well as a list of 8 scientific projects in which he participated. A list of 22 citations of the publications submitted for the competition was provided. Also a list with all scientific publications was provided, with a total of 93 citations

2. Brief professional and biographical details of the candidate.

The candidate, Mihail Goynov, was born in 1986 in Bulgaria. He studied Computer Science at the Faculty of Mathematics and Informatics (FMI) of Sofia University ‘St. Kliment Ohridski’, where he successively completed his bachelor’s and master’s degrees. Between 2011 and 2016, he was a PhD

student at the Institute of Mathematics and Informatics (IMI) of the Bulgarian Academy of Sciences (BAS) on the topic ‘Interoperability between digital libraries for cultural heritage’, where he successfully defended his doctoral thesis in 2017 and was awarded a PhD in Computer Science. He has participated in three short-term specialisation courses abroad. Since 2006, he has worked successively as a programmer, assistant and senior assistant at the Institute of Mathematics and Informatics (IMI) of the Bulgarian Academy of Sciences (BAS).

3. General overview of the candidate’s research work and achievements

The candidate has grouped their scientific publications for the competition into two main themes: *Digital cultural content management systems* (with two sub-themes: (1) *Methods and tools for managing and presenting content in digital libraries. Digital library architectures, digital cultural ecosystems* – 13 scientific publications numbered: 3, 4, 5, 6, 7, 8, 9, 11, 14, 17, 19, 20, 21; (2) *Technologies for the development of digital palaeography* – 4 scientific publications numbered: 2, 10, 12, 13) and *E-learning systems. Development and applications of serious educational games* – a total of 5 scientific publications numbered: 1, 15, 16, 18, 22.

The scientific publications submitted for the competition are linked to the successful completion of five research projects, within the framework of which, with the candidate’s active participation, nine systems for the management of digital cultural content and digital educational products were created and implemented.

There is no evidence of plagiarism in the scientific works submitted for the competition, as established by law.

It is evident that all materials submitted for participation in the competition meet and exceed all requirements of the Bulgarian national law, the Regulations on the Conditions and Procedure for the Award of Academic Degrees and the Holding of Academic Posts at the BAS, as well as the Regulations on the conditions and procedures for the award of academic degrees and the holding of academic posts at the Institute of Mathematics and Informatics (IMI) of the Bulgarian Academy of Sciences.

In particular:

- At least 50 points for indicator 1 – YES (exactly 50 points)
- At least 100 points from indicators 3 or 4 – YES (110 points)
- At least 220 points from indicators 5–10 – YES (296 points)
- At least 70 points from indicator 11 – YES (132 points)
- At least 20 points from the remaining indicators – YES (50 points)
- At least 7 publications in journals with an IF and/or SJR, but after the date of obtaining the PhD – YES (15)

The quality of the results achieved by Assoc. Prof. Dr Maxim Goynov is also evidenced by the correspondingly high numerical indicators of all his publications to date. The candidate’s total number of scientific publications to date is 65, of which 2 are chapters in collective monographs. Nineteen of

all publications are in journals with an impact factor and/or impact rank, and thirty-nine are indexed in Web of Science and/or Scopus. Of all publications, 30 were cited 86 times in publications indexed in Web of Science and Scopus. Of all publications, 60 are in English, and 5 are in Bulgarian.

Conclusion on the application

Having reviewed the materials and scientific works submitted for the competition, and based on the analysis of their significance and the scientific and applied scientific contributions they contain, **I confirm** that the scientific achievements meet the requirements of the ZRASRB, the Regulations for its implementation and the relevant Regulations of the Institute of Mathematics and Informatics – Bulgarian Academy of Sciences (IMI-BAS) for the appointment of Senior Assistant Professor Dr Maxim Goynov to the academic position of ‘Associate Professor’ in the professional field and scientific area of the competition. In particular, the candidate meets the minimum national requirements and the additional requirements of the Bulgarian Academy of Sciences in the professional field, and no plagiarism has been found in the scientific works submitted for the competition.

I give my **positive** assessment of the candidacy.

II. GENERAL CONCLUSION

On the basis of the above, **I recommend** that the academic jury propose to the competent body responsible for appointments at the Institute of Mathematics and Informatics (IMI) of the Bulgarian Academy of Sciences (BAS) that Senior Assistant Professor Dr Maxim Krasimirov Goynov for the academic position of ‘Associate Professor’ in the ‘Mathematical Linguistics’ section at the Institute of Mathematics and Informatics – Bulgarian Academy of Sciences (IMI-BAS) in professional field 4.6 Informatics and Computer Sciences, scientific discipline ‘Informatics’ (Systems for the Management of Digital Cultural Content and E-learning).

20 March 2026

Opinion prepared by:

(Prof. Krasen Stefanov Stefanov)