

ASSESSMENT POSITION

From: **Assoc. Prof. Atanas Dimitrov Georgiev, PhD**
Department "Industrial Economics and Management", Faculty of Economics and Business Administration, Sofia University "St. Kliment Ohridski"
Academic Field 3.8. Economics, „Industrial Economics and Management – Energy“

Regarding: **Competition procedure under Art. 29 of ZRASRB for academic field 3.7 Administration and management (Modelling and Forecasting in Management), announced for the needs of FEBA, Sofia University, State Gazette issue 52 from 02.07.2019**

The competition procedure was announced according to decision by the Academic council of Sofia University – protocol №10 from 29.05.2019. I am part of the scientific jury according to Rector's ordinance N ПД 38- 530 / 30.08.2019.

Two candidates participate in the competition, namely:

- 1) Assoc. Prof. Angel Angelov Marchev, PhD
- 2) Chief Assist. Prof. Pavel Todorov Stoynov, PhD

1. Short presentation of the candidates and evaluation of their experience in the field of education and teaching

Assoc. Prof. Angel Angelov Marchev, PhD

Angel Angelov Marchev graduated from the Finance and Economics High School in Sofia in 1996, a bachelor's degree from UNWE in Finance in 2002, a master's degree from BSU in Finance in 2003 and defended his doctoral thesis at UNWE in 2011. in the professional field 3.7 Administration and Management (Social Management) with the theme of the thesis "Selection of models for investment portfolio management (on the example of the Bulgarian Stock Market)". He also completed his specialization in "Risk theory and related topics" at the Institute of Mathematics at the Polish Academy of Sciences.

He has worked in the public administration and the financial sector, starting in 2004 as a part-time lecturer at Burgas Free University and at Eurostandard Business College. He has been teaching at the UNWE as an assistant since 2005, subsequently as a senior assistant (2008), ch. assistant (2010) and associate professor (since 2016), leading a number of disciplines related to modeling and forecasting in management and other management disciplines.

In his activity as a professor Assoc. Prof. Dr. Angel Marchev applies a lot of interactive and modern methods of teaching and communication with students, which leads to their more active involvement in the educational and research activity of UNWE, where he teaches so far.

My personal observations on the work of Assoc. Prof. Angel Marchev are related to his initiatives together with other colleagues from the Faculty of Economics at Sofia University "St. Kliment Ohridski ", where he initiated work seminars for undergraduate and doctoral students, which have been extremely welcomed by students and faculty. In addition, I know Assoc. Prof. Dr. Angel Marchev in connection with a project funded by JRC (European

Commission), of which I was the coordinator, and Assoc. Prof. Angel Marchev was Senior Researcher. The project was approved by the contracting authority with admirations, and the work of Assoc. Prof. Angel Marchev in it was impeccable from a scientific point of view.

Chief Assist. Prof. Pavel Todorov Stoynov, PhD

Pavel Todorov Stoynov has graduated the following degrees:

- In 1996 Master's Degrees in Mathematics at Sofia University "St. Kliment Ohridski "and Computer Science at TU-Sofia;
- In 1999 - Bachelor's Degree in Business Management and Master's Degree (in 2005) in Tourism Economics and Management at the Faculty of Economics at Sofia University "St. Kliment Ohridski ";
- Defending a dissertation in a professional field 4.4. Earth Sciences on the topic "State and Development of Health Tourism in Bulgaria" at the Faculty of Geology and Geography at Sofia University "St. Kliment Ohridski "in 2015
- Defense and dissertation in the professional field 3.8 Economics - Economics and Management (Defense and Security) on the topic "Improvement of flood risk analysis" at UNWE in 2017.

He taught as a part-time Assistant in Mathematics (1992-2000) at Sofia University "St. Kliment Ohridski" and in TU-Sofia. Since 2000 he is an Assistant Professor at the Faculty of Economics at Sofia University "St. Kliment Ohridski ".

I also have personal observations on the work of Chief Assist. Pavel Stoynov, PhD - they date back to 2001, when I was his student at the Faculty of Economics at Sofia University "St. Kliment Ohridski" in the courses "Statistics" and "Econometrics". I claim that his teaching methods were not professional enough at the time, but I have no recent observations. I am not able to mention any specific initiatives of Pavel Stoynov in the academic community of the Faculty of Economics, where I teach, in support of his candidacy for Associate Professor in this competition.

According to the documents submitted by the two candidates, I collected their teaching and research activities in a summarized form in the following table:

Activity	Assoc. Prof. A. Marchev, PhD	Chief Assist. Prof. P. Stoynov, PhD
Teaching	Teaches the following courses: - Basics of Management - Management decisions and risk - Enterprise metric - Business Research Methods - Management modeling and forecasting - Financial markets and instruments - Business management games - Corporate Social Responsibility - Corporate communications - Management games and simulations - Financial models in management	4 courses developed at the Faculty of Economics Master's Programs: - Financial analysis and extreme statistics - Actuarial models - Risk Theory - Insurance and financial modeling with R

	and others.	
Total number of publications	1 monography Chapter 1 of a collective monograph 1 book 1 textbook 25 articles in journals and series	2 monographies 70 articles in journals and series
Publications provided for this competition	1 monography 1 book 1 teaching book 5 articles in refereed and indexed journals 8 other articles	15 other articles
Publications with IF	Yes (3)	Yes (1)
IF (total)	2 (Scopus) – 8 citations	1 (Scopus) – 1 citation
Number of citations	3 (Web of Science/ Scopus) 105 (Google Scholar)	1 (Web of Science / Scopus) 5 (Google Scholar)
Citations provided for this competition	10	5
Participation in conferences	22	18
Manager of projects	No	No
Member of projects	3 (university) 3 (national)	2 (university) 1 (national)
Previous positions as Professor / Associate Professor	Yes – Associate Professor in Social Studies (Management Modeling and Forecasting and Fundamentals of Management)	No

With regard to the number of citations by the two candidates, I recommend that the Honorable Scientific Jury take into account the citations in the refereed and indexed publications. In addition, part of the quotations by Chief Assist. Prof. Pavel Stoykov could not be found in the scientific databases, and the quoting texts were not provided by the candidate in the tender documentation.

2. Scientific activity. Main scientific results and scientific contributions of the applicants Assoc. Prof. Angel Angelov Marchev, PhD

As can be seen from the documents provided and the reference above, the scientific activity of Assoc. Prof. Angel Marchev and especially the publications submitted for participation in the

competition are related to his topic, namely "Modeling and Forecasting in Management". The applicant's publishing and teaching activities are rich and diverse, with numerous international and local authors citing his scholarly work.

Some of the major scientific contributions of the applicant are:

- he has developed an original approach to the process of managing investment portfolios based on cybernetic theory;
- an universal investor model with its structural diagram and formulated functions of the main blocks in it, which allows to cover (and model) a very wide class of investor models
- a methodology for experimental comparative analysis of different models of investors operating in the same investment environment;
- algorithms (and related software) for a computerized simulation environment, allowing for a high degree of automation in conducting comparative empirical analysis ("competition") between models of different investors.
- a new model for the automated generation of new (more complex and more efficient) investment portfolios based on the "surviving best" of the previous phases (multi-line selection of portfolio structures), for which the necessary algorithms and related software have been developed.
- a series of experiments with different investor models at different values of their variable parameters

Chief Assist. Prof. Pavel Todorov Stoynov, PhD

Many of the contributions reported by the applicant are not in line with the scientific direction in which the competition was announced. In the subject of the competition the applicant reports the following contribution:

- Applied models were developed for evaluating financial instruments and derivatives and for market and credit risk research (4 publications on this topic in national publications)

Outside the scope of this competition, the applicant also states the following contributions:

- Applied research on tourism demand and supply (1 publication in a national publication);
- Studies on the political and economic aspects of globalization and integration have been carried out (2 publications in national publications);
- Studies on the political and economic aspects of security have been carried out (2 publications in national publications)

Without underestimating the scientific and applied contributions of the author in the additional scientific fields, we should note that they are insufficient for the theme of the competition (3.7 Administration and Management (Modeling and Management Forecasting)).

3. Conclusion

Assoc. Prof. Angel Angelov Marchev, PhD's work is focused entirely on modeling and forecasting in management and management disciplines in a broader sense, with his scientific contributions in the field of competition being significant. His teaching work has so far been thematically related to the current competition, and the reported scientific output meets the conditions for participation in the competition and the legal requirements.

The scientific work of Chief Assist. Prof. Pavel Todorov Stoynov, PhD is in several fields and is only partially relevant to the subject of this competition. Reported publications and contributions on the topic of the competition are not sufficient and some of the quotations cannot be found, which also calls into question the compliance with the requirements of the Academic Staff Development Act and the minimum national quantitative indicators. The teaching work of Pavel Stoynov has not been sufficiently related to the topic of the announced competition.

In conclusion, I believe that the application of Assoc. Prof. Angel Angelov Marchev, PhD is far more persuasive and fully compliant with the requirements of the announced competition, both in terms of science and teaching.

On the basis of all the above, I strongly recommend that the members of the Scientific Jury vote positively for the assignment of the academic position of Assistant Professor in Section 3.7 Administration and Management (Modeling and Management Forecasting) of Assoc. Prof. Angel Angelov Marchev, PhD.

Sofiq, 18.10.2019 г.

Signature:

/Assoc. Prof. Atanas Dimitrov Georgiev, PhD/