



OPINION

on the materials for participation in a competition for the occupation of the academic position "professor", field of higher education 5. Technical sciences, PN 5.13. General Engineering, scientific specialty "Ergonomics and Industrial Design", discipline "Theory of Composition", announced by Forestry University in State Gazette no. 26/21.3.2023, procedure code WWI – P – 0223 – 103 .

Applicant for participation in the competition:

Assoc. Prof. PhD Stela Borisova Tasheva

Prepared the opinion: Professor Dr. Maria Dimitrova Evtimova, retired, on PN 5.13. General Engineering, scientific specialty "Ergonomics and Industrial Design", from TU-Sofia

1. Brief biographical data about the candidate

Stella Borisova Tasheva graduated in 2001 with a master's degree at the Ukrainian Academy of Sciences, majoring in architecture. In 2003 - 2009, as an architect, she worked in the field of architectural design in the offices of Avangard +, Botevgrad; ERA OOD, Sofia; Kali OOD, Sofia; Sashetso OOD, Sofia, and in the field of architecture and design - Stefan Dobrev, Architecture and Design, Sofia. From 2009 to 2021, she was an architect at IIIZK, BAS Sofia, where in 2012 she defended the educational and scientific degree "doctor" with the topic "Semiotics of architectural graphics", in 2013 she was the chief assistant, and in 2015 "associate professor" in "Theory and History of Architecture". Since 2018, she has also been teaching at the University of Forestry, Faculty of Forestry, Department of Interior and Furniture Design, and since 2021 she has a main employment contract.

2. Correspondence of the submitted documents and materials of the applicant according to the Rules of the Development of academic staff at the University of Forestry

The presented documents are precisely systematized and very well arranged. According to the Rules of the Development of academic staff at the University of Forestry, the required minimum for acquiring the academic position "professor" is 600 points. From the submitted documents under No. 8. REFERENCE - SELF-ASSESSMENT, it is clear that the total number of points with which Stela Tasheva entered the competition is 1089.33. Of note is the exceeding of the required minimum in groups: Г e-413, 33, Д-56 and Е-20. This shows her activity and continuous striving for development in the field of design - scientifically determined and practically feasible.

3. Assessment of the candidate's educational and pedagogical activities

Stella Tosheva leads lectures and exercises on "Theory of Composition", "Morphogenesis" (Bachelors), "Design Projects Presentation", "Introduction to Urban Design", "Design of Lighting Fixtures" (Masters). The analysis of the theoretical material, as well as the realized projects indicated in the evidentiary material under item 11, namely -

monographs, publications, citations, a certificate for a useful model, other certificates and certificates, give me reason to point out her creativity and accuracy as a teacher. The topics of the doctoral students supervised by her (presented documents item 14-1) prove the diversity of competence in the field of the creative process as well.

4. Assessment of candidate's scientific, scientific-applied and publishing activities

Research interests are in the fields of: contemporary architecture and urban planning, semiotics, design and planning, architectural graphics, CAD and BIM in which innovative thinking supported by a lot of evidence is paramount. Stela Tasheva not only analyzes, synthesizes and summarizes specific facts and personalities in the indicated areas, but also completes the conceptual apparatus of modern design by justifying and proving the significance of specific concepts. The citations prove the significance of the developments not only in the Bulgarian scientific space. The presented patent certificate is proof of her creative potential, but also of the ability to work in a team.

4.1. Participation in scientific, scientific-applied and educational projects

The candidate is a participant in a project financed by the National Institute for Cultural Monuments and the Chamber of Architects in Bulgaria entitled The Bulgarian XX Century in Arts and Culture - DFNI-KO2/9, 2014-2018. A bilingual edition with Bulgarian and English text was created: "Architectural images. Bulgaria in the second half of the 20th century". The evidentiary material (D 15) indicates reviews and feedback on the National Broadcasting ("Kultura.bg" on 12.04.2022, BNR on 28.04.2022 in the program "Artefir") and the three exhibitions held (April 14-May 14, 2022; in The History Museum of Sofia - May 17 - June 7, 2022 and in the "Helikon" bookstore in Plovdiv from June 22, 2022), as well as six reviews and feedback about the book and the exhibition. These evidentiary materials are indicators of the national and international importance of the project in which Stela Borisova is a participant.

4.2. Characterization of published scientific results

The problems he analyzes in his publications (group Д-413.33) are clearly formulated and the theses she defends are supported by precisely selected evidentiary material. Each publication is related to problems that concern contemporary scientific and creative thought in the field of architecture, arts and design, but also indicate the possibilities for their fundamental development.

4.3. Reflection of Candidate's Scientific Publications in Literature (known citations)

10 citations are indicated (Д.12.1; Д.12.2; Д.12.5; Д.12.6; Д.12.3; Д.12.4; Д.12.7; Д.12.8; Д.12.9; Д.12.10) The thematic focus is according to the topic considered in the specified publication. They are relevant, especially in the modern scientific fields of design and architecture, paying attention to their relationship with the arts. The reflection of Stela

Tasheva's scientific activity is emphasized by the attention to the publications, citing certain moments of the discussed thesis defended in the reports, monographs and books by the scientific community not only in Bulgaria, but also abroad (Г7).

4.4. Contributions to the candidate's work (scientific, scientific-applied, applied)

Contributions are presented in both the Monograph and the Publications. A total of 6 scientific contributions are indicated, which correspond to the content of the presented materials. The scientific-applied contributions in the monograph are 2, covering the entry of digital means into design, indicating possibilities and applications in different types of design. The publications indicate 1 scientific-applied principle related to archiving and systematization of phenomena and authors. Among the applied principles in the Monograph, 1 is specified, specifying the systematized presentation of key terms, and 2 are formulated in the publications, the first being related to the popularization of terms and approaches, and the second to the possibilities of supporting the teaching of composition theory with concrete examples.

I accept the essence of the principles and consider them to be accurately and precisely formulated. The contributions are significant for science and practice, enriching the existing knowledge in the field of art, design and teaching methodology in these fields. I emphasize their importance, but I believe that contributions in the field of methodology related to design education, especially in the Monographic work, can also be mentioned. The significance of these contributions needs to be emphasized, due to the possibility of building a modern methodology in teaching composition. Clarifying the concepts and the possibilities for realizing the compositional principles, after the initial sketching of the idea, is necessary in modern training in the various fields of design.

Scientific and scientific-applied contributions can be attributed to: proving with new means essential new aspects of already existing scientific fields, problems, theories, hypotheses, as well as creating new classifications and methods with obtaining confirmatory facts. Scientific-applied and applied contributions in publications and monographic work have a direct relation to the discipline "Theory of Composition".

5. Assessment of the applicant's personal candidate

The modern design process of design products is directly related to digital means, but the knowledge of compositional principles is the basis that determines the essence of the project itself and its realization. The significance of these two sides of scientifically determined knowledge in design is proven by Stela Tasheva in the monographic work "Digital Tools and Design: Theory of Composition". It rests on 3 main compositional principles: perception of scale; using gestalt; presentation of movement, which analyzes and indicates the possibilities for their realization through digital means (CAD, BIM, VR and AR applications). It proves that not only the theoretical analysis of the conceptual apparatus is a necessity in the realization of a design project. Publications, participation in projects and implementations are proof of the creative and scientific interest in design, as a contemporary manifestation of the interdependence of the scientific and artistic field of the present day.

6. Critical remarks

In fact, in the mentioned monograph, Stela Tashkova also pays attention to color. I believe that in a subsequent development, she will pay special attention to this compositional principle as well, emphasizing its importance as an independent building principle unit in the composition. I believe that it is in her power to publish a second part of the monographic work "Digital Tools and Design: Theory of Composition", in which the possibilities of other compositional principles can be explored, formulated and indicated, regardless of which modern digital means can be utilized.

7. Personal impressions

When I got acquainted with the works of Stela Borisova Tasheva, I was impressed by the very specific and precise statement. The diversity of the thematic areas and directing its attention to the contemporary problems of design, architecture and art prove the correct judgment and an opportunity to emphasize the synergistic essence in the modern development of the scientific and applied essence of design.

8. Conclusion

Based on my familiarity with the presented scientific works, their significance and the contributions contained in them, I find it reasonable to **propose that the candidate assoc. prof. PhD Stela Borisova Tasheva be elected as a „Professor“ in the discipline, in the Professional field 5. Technical Sciences, PN 5.13. General Engineering with a scientific specialty "Ergonomics and Industrial Design", in the discipline "Theory of Composition".**

Prepared the opinion:

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