

OPINION REPORT
on the procedure for obtaining
educational and scientific degree “Doctor”

by

Candidate: Silvester Hasani,

Dissertation thesis title: “Research information system services for the open science cloud“

Scientific field: 4. Natural sciences, mathematics and informatics

Professional field: 4.6 "Informatics and Computer Science",

Doctoral program „Information Technologies“- Computer Networking,

**Department of Information Technologies, Faculty of Mathematics and Informatics (FMI),
Sofia University “St. Kliment Ohridski”**

This opinion report has been prepared by Prof. Georgi Petrov Dimitrov, PhD, Faculty “Information Technologies”, ULSIT, as a member of the scientific jury for the current procedure for obtaining educational and scientific degree “Doctor” according to Order № RD-38-173 /31 mARTH 2022 of the Rector of Sofia University.

1. General description of the dissertation thesis and the presented materials

The dissertation is in English, and contains 120 pages, divided into content, introduction, four chapters and a list of references with 55 titles and appendices.

The first chapter of the dissertation provides an overview of the concept of Open Science, as well as its two main elements - Open Access and Open Data. The second, third and fourth chapters are dedicated to the results of the dissertation, with the fourth chapter describing the creation of a prototype of the Albanian open science information system, fully compatible with EOSC. Finally, a developed policy for Open Science is presented.

The full set of necessary documents is also provided.

2. Short CV and personal impressions of the candidate

Sylvester Hassani received his master's degree MASTER OF SCIENCE IN COMPUTER SCIENCE - University of Greenwich in 2016. In 2019. was enrolled as a part-time doctoral student at the Faculty of Science at Sofia University, Doctoral Program: "Information Technology", Department: "Information Technology", and in March 2022 was discharged early with the right to defense. Since June 2021 he has been working as SAP ABAP DEVELOPER - IKONS.

I do not know Sylvester Hasani personally, but I have good impressions of the doctoral student from the documents presented to me and the presentations made in the current procedure

for obtaining the educational and scientific degree "Doctor".

3. Analysis of the scientific and applied achievements of the candidate contained in the presented dissertation thesis and the publications for the procedure

The publications presented by Sylvester Hasani included in the procedure, as well as the exposition and the conclusions made in the dissertation give me grounds to accept the contributions formulated in the dissertation determined by scientific, scientific-applied and applied nature, considering that scientific contribution 2 "Architecture is proposed a prototype of the Albanian Open Science Cloud, which can help Albania join the European Open Science Cloud faster." is rather scientifically applied.

4. Approbation of the results

The presented dissertation is based on four publications, all of which are co-authored with the research supervisor of the doctoral student and other scientists. I did not find any information about the citations of the doctoral student's dissertation publications.

From the presented check for the originality of the dissertation, it can be seen that there is no plagiarism proven in the legally established order in the presented dissertation work and the scientific papers under this procedure.

5. Qualities of the abstract

The abstract is presented in Bulgarian and English and correctly reflects the content, results and contributions of the dissertation.

6. Critical comments and recommendations

I have no critical remarks on my dissertation.

7. Conclusion

Having become acquainted with the dissertation thesis presented in the procedure and the accompanying scientific papers, and on the basis of the analysis of their importance and the scientific and applied contributions contained therein, **I do confirm** that the dissertation presented and the scientific publications to it, as well as the quality and originality of the results and achievements presented in them, meet the requirements of the Act on Development of the Academic Staff in the Republic of Bulgaria (ADASRB), the Regulations for its Implementation and the corresponding Regulations on the Terms and Requirements for Acquisition of Academic

Degrees at Sofia University “St. Kliment Ohridski” for acquisition by the candidate of the educational and scientific degree “Doctor” in the Scientific field 4. Natural Sciences, Mathematics and Informatics, Professional field : **4.6 "Informatics and Computer Science"**,. In particular, the candidate **meets the minimal national requirements** in the professional field and **no plagiarism** has been detected in the scientific papers submitted for the current procedure.

Based on the above said, I **strongly recommend** to the scientific jury to award **Silvester Hasani**, the educational and scientific degree „Doctor” in the Scientific field 4. Natural Sciences, Mathematics and Informatics, Professional field : **4.6 "Informatics and Computer Science"**.

19.06.2022

Sofia

Signature:
(Prof. Georgi Dimitrov, PhD)