

Annex No. 3

## The External Evaluation Report of a Doctoral Study Domain

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#### I. Introduction<sup>1</sup>

In this chapter, the following shall be summarized:

- the context in which this external evaluation report was drafted (the type of evaluation, the period of the evaluation visit, the composition of the Experts Committee etc.);
- details about the doctoral school(s) of which the doctoral domain under review is part (number of doctoral advisors, number of students, institutional context, short history etc.);
- details about the doctoral study domain under review (number of students, institutional context, short history etc.).

The Faculty of Physics is one of the leading faculties at UAIC. Indeed the first PhD thesis in Physics was defended in lasi in 1919 and nowadays the Faculty of Physics is in the top 500 Shanghai Global Ranking. Currently the Doctoral School of Physics is pursued by 22 PhD supervisors that comprises 4 associate professors in this academic year (2021-2022), 18 research tutors and 54 PhD students in the present academic year. The Physics PhD program comprises ten research areas: plasma physics, polymer physics, optics and spectroscopy, biophysics, medical physics, self-organization, advanced materials, nanotechnology, modeling and simulation and theoretical physics. The high quality of the Physics PhD program is recognized nationally and worldwide from the scientific collaborations with reknown universities from Europe, United States of America and Japan, scientific publications with international collaborators, coadvisors of the PhD thesis of the program, participation and organization of international scientific conferences, exchange of students through the european program Erasmus+ or agreements with national research centers, as well.

#### II. Methods used

This chapter will contain the methods and tools used in the external evaluation process, before and during the evaluation visit, including at least:

<sup>&</sup>lt;sup>1</sup> Each time when applicable the information shall be presented gender-wise.



• The analysis of the internal evaluation report of the doctoral study domain under review and its Annexes;

• The analysis of documents made available by the IOSUD, in physical format, during the evaluation visit (if such documents have been requested);

• The analysis of documents, data and information available on the IOSUD/Doctoral School(s) website, in electronic format;

• Visiting the buildings included in the institution's property, comprising (indicative and non-exhaustive list, which shall be changed according to the context):

- classrooms;
- laboratories;
- the institution's library;
- research centers;
- the Career Counselling and Guidance Center;
- lecture halls for students;
- the student residences;
- the student cafeteria;
- sports ground etc.;
- Meeting/discussions with doctoral students in the doctoral study domain under review;
- Meeting/Discussions with the graduates of the doctoral study domain under review;
- Meeting/Discussions with employers of the graduates in the doctoral study domain under review;
- Meeting/Discussions with the school officials of the Doctoral School(s) in which the doctoral study domain under review is operating;
  - Meeting/Discussions with the doctoral advisors in the doctoral study domain under review;

• Meeting/discussions with the representatives of the various structures of the IOSUD/Doctoral School(s) in which the doctoral study domain under review is operating:

- The Council of the Doctoral School, the University Senate, the Board of Directors, the Quality Assessment and Assurance Commission, the Quality Assurance Department, the Ethics Commission (including with the student representatives of these structures);
- the Career Counselling and Guidance Center;
- student organizations;
- secretariats;
- various departments/administrative offices (Social/Student residences-Cafeterias etc.);

• Application of questionnaires to doctoral students or academic staff in the doctoral study domain under review.

#### **III.** Analysis of ARACIS's performance indicators

#### Domain A. INSTITUTIONAL CAPACITY

\*general description of domain analysis.

# Criterion A.1. The administrative, managerial institutional structures and the financial resources



The scientific research of the Physics doctoral program is carried out within an administrative organizational structure based on the Research Centres and Research Groups that function within the faculty and within the integrated platforms organized at the UAIC level.

Standard A.1.1. The institution organizing doctoral studies (IOSUD) has implemented the effective functioning mechanisms provided for in the specific legislation on the organization of doctoral studies. \*general description of the standard analysis.

**Performance Indicator A.1.1.1.** The existence of specific regulations and their application at the level of the Doctoral School of the respective university doctoral study domain:

- (a) the internal regulations of the Doctoral School; member of the Council of the Doctoral School.
- (b) the Methodology for conducting elections for the position of director of the Council of doctoral school (CSD), as well as elections by the students of their representative in CSD and the evidence of their conduct;

c) the Methodologies for organizing and conducting doctoral studies (for the admission of doctoral students, for the completion of doctoral studies);

d) the existence of mechanisms for recognizing the status of a Doctoral advisor and the equivalence of the doctoral degree obtained abroad;

e) functional management structures (Council of the doctoral school), giving as well proof of the regularity of meetings;

f) the contract for doctoral studies;

g) internal procedures for the analysis and approval of proposals regarding the training for doctoral study programs based on advanced academic studies.

- description of the facts, the findings from the assessed institution's documents and the evaluation visit itself

- analysis of the facts, the findings from the assessed institution's documents and the evaluation visit itself

The regulations of the Doctoral School of Physics provide mandatory criteria, procedures and standards that have been explained and included in the internal evaluation report. In the SDF Regulation 2018, 30 credits in the first year has to be completed by the student. There is a new institutional regulation since 2020 at the university level and the Physics domain is not mandatory to change the regulation until the Director of the Council of the doctoral school will be elected, process that now is going on. The management of the Doctoral School of Physics is ensured by a Director and a Council of the Doctoral School, elected by the General Assembly of doctoral supervisors. There is a procedure to be follow for the elections of the position of the director of the Council of the Doctoral school. Indeed just know they are on this proccess to elect the Director of the Council. The recruitment of students for the PhD programme complies with the international standards. The Physics Doctoral School has its own methodology to proceed with the examinations every years for admission of the doctoral student and it has been properly explained in the internal evalutation report. There are procedures at the level of the university to ensure the quality of a doctoral supervisor obtained in foreign accedited universities or to recognize the doctoral title obtained in universities abroad. The functional management structures have been detailed in the internal evaluation report and in Annex 7 have been included the evidences for the minutes of the meetings held in a regular basis. Moreover, in Annex 14 is included the evidence of the contract between the university and the doctoral students that is updated every year.



The content of the training for doctoral study programs, the content of the subject sheets, the course titles etc., are discussed annually during the CSD meetings and with the doctoral supervisors as seen in Annex 7, to ensure the high quality of the topics proposed for the PhD theses.

#### Recommendations:

- To prepare an appropriate strategic plan to further improve the program with a very challenging vision of what the doctoral school wants to achieve in the next years, in particular to support the development of cross-disciplinary activities and private companies.
- To consider establishing industrial PhD programs and in synergies with other PhD domains, working together to detect and analyse emerging social phenomena, organize joint seminars, produce co-authored papers, and submitted successfully joint grant proposals.
- To prepare all statistics disgregated by gender to ensure gender balance.

#### The indicator is fulfilled.

**Performance Indicator A.1.1.2.** The doctoral school' Regulation includes mandatory criteria, procedures and standards binding on the aspects specified in Article 17, paragraph (5) of the Government Decision No. 681/2011 on the approval of the Code of Doctoral Studies with subsequent amendments and additions.

- description of the facts, the findings from the assessed institution's documents and the evaluation visit itself

- analysis of the facts, the findings from the assessed institution's documents and the evaluation visit itself

The Physics doctoral school has regulations with criteria, procedures and mandatory standards as shown in art. 17 paragraph (5). The internal evaluation report includes further modifications as for instance the procedures for changing the doctoral supervisor of a certain doctoral student and the procedures for mediating conflicts as well.

Recommendations:

#### The indicator is fulfilled.

Standard A.1.2. The IOSUD has the logistical resources necessary to carry out the doctoral studies' mission.

\*general description of the standard analysis.

**Performance Indicator A.1.2.1.** The existence and effectiveness of an appropriate IT system to keep track of doctoral students and their academic background.

- description of the facts, the findings from the assessed institution's documents and the evaluation visit itself



- analysis of the facts, the findings from the assessed institution's documents and the evaluation visit itself

IOSUD-UAIC has implemented an IT system, called eSims, for the trazability of the PhD students and their evolution during the completion of the PhD Thesis (Annex 15).

Recommendations: The indicator is fulfilled.

**Performance Indicator A.1.2.2.** The existence and use of an appropriate software program and evidence of its use to verify the percentage of similarity in all doctoral theses.

- description of the facts, the findings from the assessed institution's documents and the evaluation visit itself

- analysis of the facts, the findings from the assessed institution's documents and the evaluation visit itself

The Alexandru Ioan Cuza University of Iasi is the first public high institution in Romania that has the Blackboard e-learning platform. Moreover, they have implemented the Turnitin application and another one based on Moodle to avoid plagiarism by verifying the percentage of similarity in the PhD Theses and scientific publications (Annexes 16 and 17). Plagiarism is sanctioned according to the provisions of the Code of Ethics and Professional Ethics of the University Alexandru Ioan Cuza from Iasi.

Recommendations: The indicator is fulfilled.

Standard A.1.3. The IOSUD makes sure that financial resources are used optimally, and the revenues obtained from doctoral studies are supplemented through additional funding besides governmental funding.

\*general description of the standard analysis.

**Performance Indicator A.1.3.1.** Existence of at least one research or institutional / human resources development grant under implementation at the time of submission of the internal evaluation file, per doctoral study domain under evaluation, or existence of at least 2 research or institutional development / human resources grant for the doctoral study domain, obtained by doctoral thesis advisors operating in the evaluated domain within the past 5 years. The grants address relevant themes for the respective domain and, as a rule, are engaging doctoral students.

- description of the facts, the findings from the assessed institution's documents and the evaluation visit itself

- analysis of the facts, the findings from the assessed institution's documents and the evaluation visit itself

The Physics doctoral program comprises 27 research grants during the last 5 years and a detailed relation of them has been included in the internal evaluation report.

Recommendations:



#### The indicator is fulfilled.

**Performance Indicator** \***A.1.3.2.** The percentage of doctoral students active at the time of the evaluation, who for at least six months receive additional funding sources besides government funding, through scholarships awarded by individual persons or by legal entities, or who are financially supported through research or institutional / human resources development grants is not less than 20%.

- description of the facts, the findings from the assessed institution's documents and the evaluation visit itself

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In the period (2019-2020) 53 PhD students have enrolled in the Physics doctoral program and from them 28 have been granted (Annex 19). In the internal evaluation report each PhD student has been considered once, even if they have been supported by multiple projects, giving a total of 28 granted students. A full relation of them is provided in the internal evaluation report and from these values 28/53=53% >20% and therefore the criterium is fullfilled.

Recommendations:

• The number of PhD scholarship could be increased mainly coming from the university funds and at the national level to secure the availability of funds in a steadly and yearly basis, as many of the scholarship are supported by the research projects funds.

#### The indicator is fulfilled.

**Performance Indicator** \*A.1.3.3.<sup>2</sup> At least 10% of the total amount of doctoral grants obtained by the university through institutional contracts and of tuition fees collected from the doctoral students enrolled in the paid tuition system is used to reimburse professional training expenses of doctoral students (attending conferences, summer schools, training, programs abroad, publication of specialty papers or other specific forms of dissemination etc.).

- description of the facts, the findings from the assessed institution's documents and the evaluation visit itself

- analysis of the facts, the findings from the assessed institution's documents and the evaluation visit itself

From the data in the Internal evaluation report, it seems that in the period 2016-2020 over 10% from the funds received by the university through the doctoral grants (25.300lei) are used for professional training expenses of the doctoral students. However, the presented are wrongly estimated since they referred not to the sums received by the university but to the individual grants received by the doctoral students (3.100 or 4.000 lei). We asked for a re-calculation and received document DS1, which was uploaded in the cloud. From this document it follows that

<sup>&</sup>lt;sup>2</sup> The indicators marked with an asterisk (\*) hold a special status, referring exclusively to the evaluation of doctoral studies domains, as per Article 12 from the annex No.1 of the Order of the minister of education No. 3651/12.04.2021 approving the Methodology for evaluating university doctoral studies and the system of criteria, standards and performance indicators used in the evaluation. In case they are not met, the Agency extends a period of maximum 3 years to IOSUD to correct the respective deficiencies.



the sums obtained by the university from doctoral grants in the last 5 years are of 3976182 lei, from which the expenses for travel, publication taxes, consumables needed by doctoral students, of 215381,85 lei represent only 5.4%. This smaller value than 10% is partly due to covid-19, since no mobilities could have been performed in 2020, and also to the fact that some mobilities were funded from different sources: research grants or COST actions. On the other hand, UAIC grants each year to doctoral students a sum higher than 10% for their professional expenses (4.000 lei at present), since 2016 the doctoral students receive from the Faculty of Physics a total amount of 3100 lei and since 2018 has been established on 4000 lei.

#### Recommendations:

• To increase the funds for professional training expenses of doctoral students coming from the university and the national government to secure these travel funds are competitive at the international level and that the doctoral students can cover travel expenses abroad.

#### The indicator is partially fulfilled.

#### Criterion A.2. Research infrastructure

\*general description of the criterion analysis.

Standard A.2.1. The IOSUD has a modern research infrastructure to support the conduct of doctoral studies' specific activities.

\*general description of the standard analysis

The research equipment is funded from budget that receives the Faculty of Physics proportional to the number of equivalent students and from funds coming from the research projects of the members of the Physics doctoral program. The doctoral students have access to three canteen services with moderated prices as referred from the audiences with the students. Regarding the study and research facilities, the Physics PhD program has an internal library although no information has been given on the number of texts provided. The classrooms are equipped with blackboards and computers as referred from the audiences with the professors.

**Performance Indicator A.2.1.1.** The venues and the material equipment available to the doctoral school enable the research activities in the evaluated domain to be carried out, in line with the assumed mission and objectives (computers, specific software, equipment, laboratory equipment, library, access to international databases etc.). The research infrastructure and the provision of research services are presented to the public through a specific platform. The research infrastructure described above, which was purchased and developed within the past 5 years will be presented distinctly.

- description of the facts, the findings from the assessed institution's documents and the evaluation visit itself

- analysis of the facts, the findings from the assessed institution's documents and the evaluation visit itself

During the audience with the directors of the research laboratories Prof. Dragomen mentions that she was visiting the research infrastructures onsite and she refers that the equipment



some of them are very new and that the students were working in the laboratories. The Physics research centres are in close contact with the Faculty of Physics and with international collaborations and research project in collaboration with international centres. The responsible for the research laboratories refer that all the administrative procedures to buy the equipment follow the regulations at the national level that is very complex, and the process is very slow, lasting sometime almost one year to buy the equipment and spend the funds. They have dedicated administrative staff to support in this process that are very talented. It can be speed up at university level for the approval of documentation. Another problem is that the budget is approved not at the beginning of the year and these procedures cannot start until the budget is in the university. It would be a recommendation that the university allows to start the procedures once the project is approved even if the funds have not yet arrived. The process is even worth for big equipment of around 3 million euros until the equipment arrive the research laboratory. To buy consumables for instance Helium at low temperature needed for the equipment to work, has to follow a slow procedure and even there are consumables that are very expensive in Romania, twice or even three times the prices in western Europe, or higher than in Germany. Concerning personnel technical staff the number is currently decreasing and from research projects it can be hired technical staff but is not permanent as rely on the budget available from the research projects.

The responsible of the internal evaluation report refer that funds has decreased but now are steadily increasing. From the audience with the responsibles of the internal evaluation report they confirm they have computers in the classrooms and seminars. Moreover, there is a Romanian program Anelis Plus 2020 that funds research institutions to have access to journals. They have a library but no information on the books and journals provided is not included in the internal evaluation report.

#### Recommendations:

- To have a dedicated computer center. Computer classrooms are missing in the table included in this section in the internal evaluation report.
- To provide the classrooms with video projector with screen and equipped to record and broadcast online lessons.
- To increase dedicated and specialized technical staff for research and involved in the Physics doctoral studies and able to manage some high-level equipment available in the Physics doctoral program. Unbalance teaching versus technical positions is one of the reasons why the university is reluctant to increase this technical staff positions.
- The university allows to start the administrative procedures to purchase equipment and consumables once the project is approved even if the funds have not yet arrived.

#### The indicator is fulfilled.

#### Criterion A.3. Quality of Human Resources

\*general description of the criterion analysis.

Standard A.3.1. At the level of each domain there are sufficient qualified staff to ensure the conduct of doctoral study program.

\*general description of the standard analysis.



**Performance Indicator A.3.1.1.** Minimum three doctoral thesis advisors within that doctoral domain, and at least 50% of them (but no less than three) meet the minimum standards of the National Council for Attestation of University Degrees, Diplomas and Certificates (CNATDCU) in force at the time when the evaluation is carried out, which standards are required and mandatory for obtaining the enabling certification.

- description of the facts, the findings from the assessed institution's documents and the evaluation visit itself

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The Physics doctoral program is supported by a growing and high-quality faculty professors, researchers and post doc with excellent profiles and highly active in the international research communities. Facilities for research and for the daily life of doctoral students and faculty seem appropriate. Most of the members of the Physics doctoral program have excellent research and teaching profiles and are well positioned in the international research community. This faculty complies with the regulations on the required ratio between faculty and students and is still expanding. In addition, the Physics PhD program also involve a number of external faculty from Romania both for teaching and student supervision.

#### Recommendations:

To secure gender balance between faculties and doctoral students. Promoting more gender and cultural diversity in the faculty should be a priority in faculty development plans.

#### The indicator is fulfilled.

**Performance Indicator** \*A.3.1.2. At least 50% of all doctoral advisors have a full-time employment contract for an indefinite period with the IOSUD.

- description of the facts, the findings from the assessed institution's documents and the evaluation visit itself

- analysis of the facts, the findings from the assessed institution's documents and the evaluation visit itself

This Physics doctoral program comprises 22 PhD supervisors, from which 3 are associate profesors as at 65 years they are retired but the regulation at the university permit them to stay supervision of students, and one associate profesor belongs to another Romanian university. From them 19 has a permanent contract (Annex 24), therefore this criterium is fullfilled. Requirements to be a PhD supervisor are to be habilitated and all are permanent professors. The Doctor Habilitated have the right to supervise students. Moreover, it is needed to be enrolled in a PhD program in a Doctoral school.

#### Recommendations:

- Make public the policies for administrative personnel recruitment as no information has been given in the internal evaluation report.
- More information on lab technicians would be useful.

#### The indicator is fulfilled.



**Performance Indicator A.3.1.3.** The study subjects in the education program based on advanced higher education studies pertaining to the doctoral domain are taught by teaching staff or researchers who are doctoral thesis advisors / certified doctoral thesis advisors, professors / CS I or lecturer / CS II, with proved expertise in the field of the study subjects they teach, or other specialists in the field who meet the standards established by the institution in relation with the aforementioned teaching and research functions, as provided by the law.

- description of the facts, the findings from the assessed institution's documents and the evaluation visit itself

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A link to the website with the CV of the doctoral supervisors is available in the internal evaluation report, where the seven research fields of the training PhD program are supported by 13 supervisors con expertise in their own research field (Annex 25).

Recommendations:

The indicator is fulfilled.

**Performance Indicator** \***A.3.1.4.** The percentage of doctoral thesis advisors who concomitantly coordinate more than 8 doctoral students, but no more than 12, who are themselves studying in doctoral programs<sup>3</sup> does not exceed 20%.

- description of the facts, the findings from the assessed institution's documents and the evaluation visit itself

- analysis of the facts, the findings from the assessed institution's documents and the evaluation visit itself

The internal evaluation report presents a table with the number of students adviced by each of the doctoral supervisor. From this evidence it can be stated that the Physics doctoral program does not have none doctoral supervisor who coordinates at the same time more than 8 doctoral students, not more than 12, during their doctoral studies, therefore the criterium is fullfilled.

Recommendations: The indicator is fulfilled.

Standard A.3.2. The Doctoral advisors within the domain are carrying out a scientific activity visible at international level.

\*general description of the standard analysis.

**Performance Indicator A.3.2.1.** At least 50% of the doctoral thesis advisors in the evaluated domain have at least 5 Web of Science- or ERIH-indexed publications in magazines of impact, or other

<sup>&</sup>lt;sup>3</sup> 3 years for the doctoral university studies with the duration stipulated at Article 159, paragraph (3), respectively 4 years for the doctoral university studies with the duration stipulated at Article 174, paragraph (3) of the Law of national education No.1/2011 with subsequent amendments and additions, with additional extension periods approved as per Article 39, paragraph (3) of the Code of doctoral studies approved by the GD No. 681/2011 with subsequent amendments and additions.



achievements of relevant significance for that domain, including international-level contributions that indicate progress in scientific research - development - innovation for the evaluated domain. The aforementioned doctoral thesis advisors enjoy international awareness within the past five years, consisting of: membership on scientific boards of international publications and conferences; membership on boards of international professional associations; guests in conferences or expert groups working abroad, or membership on doctoral defense commissions at universities abroad or co-leading with universities abroad. For Arts and Sports and Physical Education Sciences, doctoral thesis advisors shall prove their international visibility within the past five years by their membership on the boards of professional associations, membership in organizing committees of arts events and international competitions, membership on juries or umpire teams in artistic events or international competitions.

- description of the facts, the findings from the assessed institution's documents and the evaluation visit itself

- analysis of the facts, the findings from the assessed institution's documents and the evaluation visit itself

The internal evaluation report includes a detailed description of all research papers published in international journals, participation in international conferences, member in Doctoral Thesis committees etc. in the last 5 years to secure the international visibility of the doctoral supervisors. From these evidences is confirmed that all PhD supervisors in the last 5 years present at least 5 Web of Science indexed scientific publications.

Recommendations: The indicator is fulfilled.

**Performance Indicator** \*A.3.2.2. At least 50% of the doctoral thesis advisors in a specific doctoral study domain continue to be active in their scientific field, and acquire at least 25% of the score requested by the minimal CNATDCU standards in force at the time of the evaluation, which are required and mandatory for acquiring their enabling certificate, based on their scientific results within the past five years.

- description of the facts, the findings from the assessed institution's documents and the evaluation visit itself

- analysis of the facts, the findings from the assessed institution's documents and the evaluation visit itself

In the five years evaluation period the number of doctoral thesis advisors active in the Physics scientific field is 12 doctoral supervisors as shown in the internal evaluation report and 25% of 12 is 3, while only one out of 20 do not fullfill the criterium (Annex 23). Therefore this criterium is fulfilled by 19 out of the total 20 PhD supervisors.

Recommendations:

The indicator is fulfilled.

#### Domain B. EDUCATIONAL EFFECTIVENESS

\*general description of domain analysis.



## Criterion B.1. The number, quality and diversity of candidates enrolled for the admission contest

\*general description of the criterion analysis.

Standard B.1.1. The institution organizing doctoral studies has the capacity to attract candidates from outside the higher education institution or a number of candidates exceeding the number of seats available.

\*general description of the standard analysis.

**Performance Indicator \*B.1.1.1.** The ratio between the number of graduates of masters' programs of other higher education institutions, national or foreign, who have enrolled for the doctoral admission contest within the past five years and the number of seats funded by the state budget, put out through contest within the doctoral domain is at least 0.2 or the ratio between the number of candidates within the past five years and the number of seats funded by the state budget put out through contest within the doctoral domain is at least 0.2 or the ratio between the number of candidates within the past five years and the number of seats funded by the state budget put out through contest within the doctoral studies domain is at least 1,2.

- description of the facts, the findings from the assessed institution's documents and the evaluation visit itself

- analysis of the facts, the findings from the assessed institution's documents and the evaluation visit itself

The city of lasi is in the border of Rumania very close to Republic of Moldova that speaks the same language, therefore there is an important amount of students that apply to this Doctoral Program coming from Moldova. From the evidences presented in the internal evaluation report is confirmed that this criterium amounts for 0,24 higher than 0,2 and 1,25 higher than 1,2 respectively. Therefore this criterium is fullfiled.

#### Recommendations:

- It is encouraged to increase the amount of grants offered. The number of PhD students have been steadily decreasing during the last years, therefore one recommendation would be to increase the number of PhD grants at both the national and university level, thus ensuring steadily and permanent funds, as many grants come from the research projects.
- To release a Physics doctoral program website in English to promote and attract international students and therefore improve this criterium.

#### The indicator is fulfilled.

Standard B.1.2 Candidates admitted to doctoral studies demonstrate academic, research and professional performance.

\*general description of the standard analysis.

**Performance Indicator \*B.1.2.1.** Admission to doctoral study programs is based on selection criteria including: previous academic, research and professional performance, their interest for scientific or



arts/sports research, publications in the domain and a proposal for a research subject. Interviewing the candidate is compulsory, as part of the admission procedure.

- description of the facts, the findings from the assessed institution's documents and the evaluation visit itself

- analysis of the facts, the findings from the assessed institution's documents and the evaluation visit itself

There is an evaluation of the candidates to be aproved in the Physics doctoral program and develop a PhD Thesis. They need to pass an exam with at least 7/10 and an interview of at least 7/10 and total over 8/10. Moreover a test on English language has to be justify in the documentation with a level of B2. From the internal evaluation report the ratios shown indicates that the criterium is fulfilled.

Recommendations: The indicator is fulfilled.

**Performance Indicator B.1.2.2.** The expelling rate, including renouncement / dropping out of doctoral students 3, respectively 4, years after admission<sup>4</sup> does not exceed 30%.

- description of the facts, the findings from the assessed institution's documents and the evaluation visit itself

- analysis of the facts, the findings from the assessed institution's documents and the evaluation visit itself

The students that give up are very few, for instance coming from the Republic of Moldavia with a grant that does not cover the living expenses at lasi. During the evaluation period only three of them, 6% of the total. Therefore the criterium is fullfiled.

Recommendations: The indicator is fulfilled.

#### Criterion B.2. The content of doctoral programs

\*general description of the criterion analysis.

Standard B.2.1. The training program based on advanced university studies is appropriate to improve doctoral students' research skills and to strengthen ethical behavior in science.

\*general description of the standard analysis.

**Performance Indicator B.2.1.1.** The training program based on advanced academic studies includes at least 3 disciplines relevant to the scientific research training of doctoral students; at least one of these disciplines is intended to study in-depth the research methodology and/or the statistical data processing.

- description of the facts, the findings from the assessed institution's documents and the evaluation visit itself

<sup>&</sup>lt;sup>4</sup> 3 years for the doctoral university studies with the duration stipulated at Article 159, paragraph (3), respectively 4 years for the doctoral university studies with the duration stipulated at Article 174, paragraph (3) of the Law of national education No. 1/2011 with subsequent amendments and additions.



- analysis of the facts, the findings from the assessed institution's documents and the evaluation visit itself

During the last five years, there have been taught six dedicated courses and since the academic year 2018-2019 a course on Ethics and academic integrity has been implemented (Annex 27i). Starting with the university year 2018-2019, there was, however, no course dedicated to an in-depth study of research methodology and/or statistical data processing.

#### Recommendations:

- Re-introduction of a course dedicated to an in-depth study of research methodology and/or statistical data processing in the curriculum.
- As part of the training program, offer the PhD students the possibility to teach few hours per year to have the opportunity of including this in their CV and to acquire these competences.

#### The indicator is partially fulfilled.

**Performance Indicator B.2.1.2.** At least one discipline is dedicated to Ethics and Intellectual Property in scientific research or there are well-defined topics on these subjects within a discipline taught in the doctoral program.

- description of the facts, the findings from the assessed institution's documents and the evaluation visit itself

- analysis of the facts, the findings from the assessed institution's documents and the evaluation visit itself

Ethics and academic integrity is mandatory to all PhD and master programs. The Ethic Committee follows the Law of National Regulations and the Law on ethics in research of 2006. Presently the president of the Ethic Committee has been appointed since 2020. This Ethic Committee has been reduced from 8 to 5 they meet at least one a month and whenever is necessary. In the Psicology Faculty it has a suspicius of plagarism from a student, but in the Physics domain any case has been reported so far. The Ethic Committee if they have same kind of training related to the use of Turnitin. Is there a compulsory course on Ethics that follow all the PhD students. The reports of the Ethic Committee are public in the website. The Ethic Committee deals with issues for instance related with the complain of students about the actitude of supervisors. A dedicated audience with the responsibles of the Ethic Committee has been set up. At the heart of the SDF value system are the cardinal virtues – Discernment, Justice, Courage, Temperance and research *Integrity* reliability, honesty, respect and accountability.

Recommendations: The indicator is fulfilled.

**Performance Indicator B.2.1.3.** The IOSUD has mechanisms to ensure that the academic training program based on advanced university studies addresses "the learning outcomes", specifying the



knowledge, skills, responsibility and autonomy that doctoral students should acquire after completing each discipline or through the research activities<sup>5</sup>.

- description of the facts, the findings from the assessed institution's documents and the evaluation visit itself

- analysis of the facts, the findings from the assessed institution's documents and the evaluation visit itself

As refered in the internal evaluation report, the courses have been held by two or more doctoral supervisors in the field. Annex 27i makes references to the knowledge, research skills, responsibility and autonomy acquired by doctoral students (Annex 28 and Annex 7).

Recommendations:

#### The indicator is fulfilled.

**Performance Indicator B.2.1.4.** All along the duration of the doctoral training, doctoral students in the domain receive counselling/guidance from functional guidance commissions, which is reflected in written guidance and feedback or regular meeting.

- description of the facts, the findings from the assessed institution's documents and the evaluation visit itself

- analysis of the facts, the findings from the assessed institution's documents and the evaluation visit itself

There is a permanent Guidance Commision of each doctoral student with three PhD supervisors members or lectures or postdocs familiar with the content of the PhD Thesis and meetings were the students are set up where they have to present the progress reports during the three years doctoral program. The students we interviewed during the audience are generally satisfied with the quality of the supervision offered by the PhD Physics program. That is assessed as a very good practice in this PhD program. Therefore, mentoring seems appropriate. An in-house career service for students exists but in the audience with the alumni they refer they have not used this service.

Recommendations:

- An in-house career service for students to have information on the kind of jobs students find after completing their PhD and promote this service among the doctoral students.
- Health and psychological support should be offered to students on a more structured and regular basis and mainly to international students.

#### The indicator is fulfilled.

**Performance Indicator B.2.1.5**. For a doctoral study domain, the ratio between the number of doctoral students and the number of teaching staff/researchers providing doctoral guidance must not exceed 3:1.

<sup>&</sup>lt;sup>5</sup> Or by what the graduate should know, understand and to be able to do, according to the provisions of the Methodology of 17 March 2017 regarding inscription and registration of higher education qualifications in the National Register of Qualifications in Higher Education (RNCIS) approved by the Order No.3475/2017 with subsequent amendments and additions.



- description of the facts, the findings from the assessed institution's documents and the evaluation visit itself

- analysis of the facts, the findings from the assessed institution's documents and the evaluation visit itself

In the academic year 2019-2020, the rate between the number of 53 doctoral students and the number of 23 teachers or researchers providing guidance is 2,3<3, therefore the criterium is fullfilled (Annex 30).

Recommendations:

The indicator is fulfilled.

Criterion B.3. The results of doctoral studies and procedures for their evaluation. \*general description of the criterion analysis.

Standard B.3.1. Doctoral students capitalize on the research through presentations at scientific conferences, scientific publications, technological transfer, patents, products and service orders. \*general description of the standard analysis.

**Performance Indicator B.3.1.1.** For the evaluated domain, the evaluation commission will be provided with at least one paper or some other relevant contribution per doctoral student who has obtained a doctor's title within the past 5 years. From this list, the members of the evaluation commission shall randomly select 5 such papers / relevant contributions per doctoral study domain for review. At least 3 selected papers must contain significant original contributions in the respective domain.

- description of the facts, the findings from the assessed institution's documents and the evaluation visit itself

- analysis of the facts, the findings from the assessed institution's documents and the evaluation visit itself

Is mandatory in the Physics domain program to publish a paper as first author in a Web of Science journal before finishing the PhD thesis. The internal evaluation report includes a detailed description of the scientific papers, 2 patents, indexed and non indexed journals, BDI that is, journals in other databases that are not Web of Science SCI journals of the PhD students of this program. From the evidences, the scientific papers published are relevant and published in high prestigius international journals. Moreover, the publications and citations in the Physics doctoral domain are the highest in the Doctoral School of this university.

Recommendations:

#### The indicator is fulfilled.

**Performance Indicator \*B.3.1.2.** The ratio between the number of presentations of doctoral students who completed their doctoral studies within the evaluated period (past 5 years), including posters, exhibitions made at prestigious international events (organized in the country or abroad) and the number of doctoral students who have completed their doctoral studies within the evaluated period (past 5 years) is at least 1.



- description of the facts, the findings from the assessed institution's documents and the evaluation visit itself

- analysis of the facts, the findings from the assessed institution's documents and the evaluation visit itself

During the period 2015-2020 the number of presentations in international conferences are 141 and 41 PhD Thesis have been presented during this period. Therefore the criterium is fullfilled as 141/41=3.4.

Recommendations: The indicator is fulfilled.

Standard B.3.2. The Doctoral School engages a significant number of external scientific specialists in the commissions for public defense of doctoral theses in the analyzed domain.

\*general description of the standard analysis.

**Performance Indicator \*B.3.2.1.** The number of doctoral theses allocated to one specialist coming from a higher education institution, other than the evaluated IOSUD should not exceed two (2) in a year for the theses coordinated by the same doctoral thesis advisor.

- description of the facts, the findings from the assessed institution's documents and the evaluation visit itself

- analysis of the facts, the findings from the assessed institution's documents and the evaluation visit itself

The Committee comprises the PhD advisor and three reviewers of the thesis where two of them has to be from another institution. According to the Internal evaluation report, there are two situations when a referee from another higher-education institution received for evaluation more than 2 theses coordinated by the same doctoral supervisor in one year. These situations existed, however, before 2017, when such a requirement did not explicitly exist. After 2017, there were no more such situations.

Recommendations:

- To increase and promote the defense of PhD theses in English, to include an international reviewer and therefore defend the thesis with an International seal of excellence.
- To monitor the referees of the doctoral thesis defence committees such that no referee from another higher-education institution will receive for evaluation more than 2 theses coordinated by the same doctoral supervisor in one year

#### The indicator is partially fulfilled.

**Performance Indicator \*B.3.2.2.** The ratio between the doctoral theses allocated to one scientific specialist coming from a higher education institution, other than the institution where the defense on the doctoral thesis is organized, and the number of doctoral theses presented in the same doctoral study domain in the doctoral school should not exceed 0.3, considering the past five years. Only those doctoral study domains in which minimum ten doctoral theses have been presented within the past five years should be analyzed.



- description of the facts, the findings from the assessed institution's documents and the evaluation visit itself

- analysis of the facts, the findings from the assessed institution's documents and the evaluation visit itself

The number of thesis defended in five years during the period (2015-2020) is 41 and in there is one professor that has 8 theses asigned from another higher institution, therefore the ratio is 8/41=0,195 lower than 0,3 and the criterium is fullfiled.

Recommendations: The indicator is fulfilled.

#### Domain C. QUALITY MANAGEMENT

\*general description of domain analysis.

## Criterion C.1. Existence and periodic implementation of the internal quality assurance system

\*general description of the criterion analysis.

#### Performance

Standard C.1.1. There are an institutional framework and procedures in place and relevant internal quality assurance policies, applied for monitoring the internal quality assurance.

\*general description of the standard analysis.

**Performance Indicator C.1.1.1.** The Doctoral school in the respective university study domain shall demonstrate the continuous development of the evaluation process and its internal quality assurance following a procedure developed and applied at the level of the IOSUD, the following assessed criteria being mandatory:

- (a) the scientific work of Doctoral advisors;
- (b) the infrastructure and logistics necessary to carry out the research activity;
- (c) the procedures and subsequent rules based on which doctoral studies are organized;

d) the scientific activity of doctoral students;

e) the training program based on advanced academic studies of doctoral students;

*f)* social and academic services (including for participation at different events, publishing papers etc.) and counselling made available to doctoral students.

- description of the facts, the findings from the assessed institution's documents and the evaluation visit itself

- analysis of the facts, the findings from the assessed institution's documents and the evaluation visit itself

The Quality Assurance Commission has the task of supervising the performance of the quality assurance procedures, for the pursuit of the teaching and research objectives based on the guidelines formulated by the Governing Bodies. The Council of the faculty chaired by



the Dean elected by the members of the faculty comprises the quality asurance committee of doctoral studies. Quality assurance (QA) and quality management (QM) are recognized as important components of the school and the school has begun to formulate goals and criteria for their measurement. However, as of now, the Physics doctoral program has not yet implemented procedures for QA and QM.

#### Recommendations:

- The School should implement a system of surveys to seek the opinions not only of students and faculty but of technical, administrative staff and alumni, to track the careers and collect statistics in order to measure the impact of the activities.
- Study the degree of the employement of the Physics doctoral program and a description by sectors of where the alumni are employed.

#### The indicator is partially fulfilled.

**Indicator** \*C.1.1.2. Mechanisms are implemented during the stage of the doctoral study program to enable feedback from doctoral students allowing to identify their needs, as well as their overall level of satisfaction with the doctoral study program in order to ensure continuous improvement of the academic and administrative processes. Following the analysis of the results, there is evidence that an action plan was drafted and implemented.

- description of the facts, the findings from the assessed institution's documents and the evaluation visit itself

- analysis of the facts, the findings from the assessed institution's documents and the evaluation visit itself

In general, all the quality monitoring and assurance area is still underdeveloped in the Physics Domain Program as the Quality assurance system is applied only at the level of the university and not at the level of the Physics PhD program. Meanwhile, students were provided with a survey link through which they have been asked to fill an anonymous student satisfaction survey (Annex 7). The answers are used to improve the course content and teaching quality. The answers collected through this questionnaire will help the Coordinator of the Program to take strategic decisions about the organization of teaching for the next academic year. From the surveys a high satisfaction of the doctoral students is found, with only a lower satisfaction of some doctoral students: 24% good and 10% poor.

#### Recommendations:

- To pursue a quality commission for the Physics doctoral program to set up the quality assurance procedures at the level of the Physics Domain and the implementation of quality protocols and quality assurance.
- To monitor the satisfaction of professors, students, technical and administrative staff via surveys every academic year.
- Consider indicators as the employment rate and employment sectors of the alumni of this PhD program.

The indicator is partially fulfilled.

#### Criterion C.2. Transparency of information and accessibility of learning resources



\*general description of the criterion analysis.

Standard C.2.1. Information of interest to doctoral students, future candidates and public interest information is available for electronic format consultation.

\*general description of the standard analysis.

**Performance Indicator C.2.1.1.** The IOSUD publishes on the website of the organizing institution, in compliance with the general regulations on data protection, information such as:

(a) the Doctoral School regulation;

(b) the admission regulation;

(c) the doctoral studies contract;

(d) the study completion regulation including the procedure for the public presentation of the thesis;

(e) the content of training program based on advanced academic studies;

(f) the academic and scientific profile, thematic areas/research themes of the Doctoral advisors within the domain, as well as their institutional contact data;

(g) the list of doctoral students within the domain with necessary information (year of registration; advisor);

(h) information on the standards for developing the doctoral thesis;

*(i) links to the doctoral theses' summaries to be publicly presented and the date, time, place where they will be presented; this information will be communicated at least twenty days before the presentation.* 

- description of the facts, the findings from the assessed institution's documents and the evaluation visit itself

- analysis of the facts, the findings from the assessed institution's documents and the evaluation visit itself

The website is in Romanian and I can not assess it.

Recommendations:

• To improve its Website with an English version and design a strategy for promoting and achieving higher international reputation and visibility (rankings, education fairs, media, etc.).

The indicator is fulfilled/partially fulfilled/not fulfilled.

Standard C.2.2. The IOSUD/The Doctoral School provides doctoral students with access to the resources needed for conducting doctoral studies.

\*general description of the standard analysis.

**Performance Indicator C.2.2.1.** All doctoral students have free access to one platform providing academic databases relevant to the doctoral studies domain of their thesis.

- description of the facts, the findings from the assessed institution's documents and the evaluation visit itself



- analysis of the facts, the findings from the assessed institution's documents and the evaluation visit itself

The following databases are available: Science Direct Freedom Collection, Scopus, SciFinder (CAS), MathSciNet, etc. and different databases from the Central University Library. Moreover the university has signed an agreement to use the ANELIS PLUS 2020 project to increase the degree of involvement of the Romanian research environment in specialized international research networks for the future development of science and technology.

Recommendations: The indicator is fulfilled.

**Performance Indicator C.2.2.2.** Each doctoral student shall have access, upon request, to an electronic system for verifying the degree of similarity with other existing scientific or artistic works.

- description of the facts, the findings from the assessed institution's documents and the evaluation visit itself

- analysis of the facts, the findings from the assessed institution's documents and the evaluation visit itself

In the website of the Physics doctoral program there is a guide to help using Turnitin to check similarities of the PhD theses and manuscripts to be published. No cases of plagiarism has been found so far in the Physics doctoral domain. It has been found only few cases translating from English into Romanian their own published referred research papers.

Recommendations: The indicator is fulfilled.

**Performance Indicator C.2.2.3.** All doctoral students have access to scientific research laboratories or other facilities depending on the specific domain/domains within the Doctoral School, according to internal order procedures.

- description of the facts, the findings from the assessed institution's documents and the evaluation visit itself

- analysis of the facts, the findings from the assessed institution's documents and the evaluation visit itself

The internal evaluation report presents a table with the working spaces used by the students that comprises 18 teaching laboratories and seminar rooms, 56 research laboratories, one amphitheatre and a public library. Moreover, they have access and colaborate with other research groups to share research infraestructures from the dedicated research laboratories.

Recommendations:

- To have a dedicated computer center. Computer classrooms are missing in the table included in this section in the internal evaluation report.
- To provide the classrooms with video projector with screen and equipped to record and broadcast online lessons.

The indicator is fulfilled.



#### Criterion C.3. Internationalization

\*general description of the criterion analysis.

Standard C.3.1. There is a strategy in place and it is applied to enhance the internationalization of doctoral studies.

\*general description of the standard analysis.

**Performance Indicator \*C.3.1.1.** IOSUD, for every evaluated domain, has concluded mobility agreements with universities abroad, with research institutes, with companies working in the field of study, aimed at the mobility of doctoral students and academic staff (e.g., ERASMUS agreements for the doctoral studies). At least 35% of the doctoral students have completed a training course abroad or other mobility forms such as attending international scientific conferences. IOSUD drafts and applies policies and measures aiming at increasing the number of doctoral students participating at mobility periods abroad, up to at least 20%, which is the target at the level of the European Higher Education Area.

- description of the facts, the findings from the assessed institution's documents and the evaluation visit itself

- analysis of the facts, the findings from the assessed institution's documents and the evaluation visit itself

Concerning international exchanges, PhD students are encouraged to spend some part of their study period abroad and they get a travel grant for this period, that as referred by the students during the audience, seems not to be enough when travelling abroad. The Doctoral School is part of the Erasmus network and has a list of foreign universities and research institute with agreements on student exchange and these personal contacts should facilitate other exchanges. Around 20% of PhD students participate in training courses. Nevertheless, no specific information about incoming students is given.

The PhD advisors have an international background and strong connection with the international research community. Collaborations with foreign universities both at the level of PhD programs and in research projects are generally very good.

Moreover, they have a double PhD doctoral program with Japan at the level of master and PhD students. PhD supervisors benefits of Erasmus mobility and 35% of PhD students participate to international conferences.

In annex 36 there is only an agreement in the Physics doctoral domain with Japan.

#### Recommendations:

- The visibility of the doctoral school can be improved, with a better website improved by an English version, to increase the visibility of its outputs (mainly research), and by design a strategy for achieving higher international reputation and visibility (rankings, education fairs, media, etc.).
- Encourage the Physics doctoral program to develop a medium-term strategy to increase its international visibility and possibly to reach higher positions in the



international rankings, which could represent a valuable means to attract more international qualified students and possibly also international faculty members.

• The Physics PhD program is highly encouraged to consider increasing the number of formal international agreements for student exchanges, co-supervision with international collaborators and possibly joint PhD degrees with some top foreign institutions.

#### The indicator is fulfilled.

**Performance Indicator C.3.1.2.** In the evaluated doctoral study domain, support is granted, including financial support, to the organization of doctoral studies in international co-tutelage or invitation of leading experts to deliver courses/lectures for doctoral students.

- description of the facts, the findings from the assessed institution's documents and the evaluation visit itself

- analysis of the facts, the findings from the assessed institution's documents and the evaluation visit itself

During the evaluation period a total of 19 experts have delivered lectures and courses to the doctoral students. Moreover three internationals co-tutors have participated in the doctoral program.

Recommendations:

• To increase funds coming from the university and central government to increase the existing travel grants to make them competitive when travelling abroad.

#### The indicator is fulfilled.

**Performance Indicator C.3.1.3.** The internationalization of activities carried out during the doctoral studies is supported by IOSUD through concrete measures (e.g., by participating in educational fairs to attract international doctoral students; by including international experts in guidance committees or doctoral committees etc.).

- description of the facts, the findings from the assessed institution's documents and the evaluation visit itself

- analysis of the facts, the findings from the assessed institution's documents and the evaluation visit itself

Annex 36 of the internal evaluation report includes a list of inter institutional agreements and a list of bilateral agreements with Erasmus+. Moreover 14 international experts were invited to participate in commissions for the PhD defense.

During the period 2015-2020 41 PhD theses were defended and 9 thesis were written and/or presented in an international language or were co-supervised (Annex 38).

Recommendations: The indicator is fulfilled.

**IV. SWOT Analysis** 



#### Strengths:

- The Physics doctoral program is one of the most powerfull of the doctoral programs in this university with 6% of the total permanent profesor of the university. Indeed, the Physics faculty staff contributes with 40% of the total amount of nternational referred journals in the university.
- Research Infraestructure and equipment complatible with high standards. All laboratories are very well equiped.
- Quality of research in term of international collaborations and number of published sientific papers in high impact international journals.
- Collaboration with many universities abroad. For instance cooperation between the Physics doctoral
  program with Japan called double doctoral program where the student complete half of the studies in Iasi
  and then continue in Japan thanks to the good cooperation between the two programas and supervisors.
  Then the student come back to Romania and finished the PhD Thesis and obtaine a double degree of
  Material ingeniering in Japan and Physics in Romania.

#### Weaknesses:

- The Physics program can offer fellowships by our gobernment that are lower (around 300 euros) than in other laboratories abroad and western countries. In addition to the gobernment fellowship there are fellowships coming from the own university.
- Number of fellowship is decreasing. It can be improved with the presence of the doctoral university in international training network for doctoral students under specific topics to have the opportunity of fellowship or training stays.
- There are students that need to work in the meantime they accomplished the PhD Thesis therefore are not full time involved in the PhD program and therefore needs more than four years to finish the PhD thesis and are not available for Erasmus mobility.
- Concerning PhD thesis defended in an international environment is difficult to have and international member involved because of lack of funds. Now it is allowed to improve this rate.
- Cotutela with other international universities.

#### **Opportunities:**

- The university is in the border with republic of Moldavia and therefore there are students coming from this country to study in the Physics doctoral program.
- Traditional links with France enhance the exchange of students with this country and co-supervision theses.

#### Threats:

• The low rate of Lei currency in comparison with dollar or euro might be a problem when professors and students go abroad, or even to attract international faculty members to join the university and this Physics doctoral program.

Strengths:	Weaknesses:
- the strengths identified throughout the report will	- the weaknesses identified throughout the report
be resumed as part of the indicators' analysis.	will be resumed as part of the indicators' analysis.
Other general strengths that do not fall within a	Other general weaknesses that do not fall within
particular indicator may be formulated.	a particular indicator may be formulated.
Opportunities:	Threats:



- possible lines of action for the development of	- the possible causes of the deficient aspects (the
the institution under review shall be identified;	causes of the identified weaknesses), which are
- examples of opportunities: a favorable economic	practically the threats to the proper functioning of
environment in the proximity of the assessed	the institution, shall be identified;
institution, the uniqueness of the study programs	- besides, there may be external threats, such as:
and their relevance to the local/national market,	the inopportune economic environment in the
the overall attractiveness of the study programs	proximity of the assessed institution, the conduct
etc.	of low attractiveness study programs for both
	candidates and the labor market etc.

### V. Overview of judgments awarded and of the recommendations

No.	Type of indicator (PI, PI *, CPI)	Performance indicator	Judgment	Recommendations
1.	PI	<ul> <li>A.1.1.1 The existence of specific regulations and their application at the level of the Doctoral School of the respective university doctoral study domain: <ul> <li>a) the internal regulations of the Doctoral School;</li> <li>b) the Methodology for conducting elections for the position of director of the Council of doctoral school (CSD), as well as elections by the students of their representative in CSD and the evidence of their conduct;</li> <li>c) the Methodologies for organizing and conducting doctoral studies (for the admission of doctoral studies);</li> <li>d) the existence of mechanisms for recognizing the status of a Doctoral advisor and the equivalence of the doctoral degree obtained abroad;</li> <li>e) functional management structures (Council of the doctoral school), giving as well proof of the regularity of meetings;</li> <li>f) the contract for doctoral studies;</li> <li>g) internal procedures for the analysis and approval of proposals regarding the training for doctoral studies.</li> </ul> </li> </ul>	The indicator is fulfilled.	<ul> <li>To prepare an appropriate strategic plan to further improve the program with a very challenging vision of what the doctoral school wants to achieve in the next years, in particular to support the development of cross-disciplinary activities and private companies.</li> <li>To consider establishing industrial PhD programs and in synergies with other PhD domains, working together to detect and analyse emerging social phenomena, organize joint seminars, produce co-authored papers, and submitted successfully joint grant proposals.</li> <li>To prepare all statistics disgregated by gender to ensure gender balance.</li> </ul>



No.	Type of indicator (PI, PI *,	Performance indicator	Judgment	Recommendations
	(PI, PI , CPI)			
2.	PI	<b>A.1.1.2.</b> The doctoral school' Regulation includes mandatory criteria, procedures and standards binding on the aspects specified in Article 17, paragraph (5) of the Government Decision No. 681/2011 on the approval of the Code of Doctoral Studies with subsequent amendments and additions.	The indicator is fulfilled.	
3.	PI	<b>A.1.2.1.</b> The existence and effectiveness of an appropriate IT system to keep track of doctoral students and their academic background.	The indicator is fulfilled.	
4.	PI	<b>A.1.2.2.</b> The existence and use of an appropriate software program and evidence of its use to verify the percentage of similarity in all doctoral theses.	The indicator is fulfilled.	
5.	IP	<b>A.1.3.1.</b> Existence of at least one research or institutional / human resources development grant under implementation at the time of submission of the internal evaluation file, per doctoral study domain under evaluation, or existence of at least 2 research or institutional development / human resources grant for the doctoral study domain, obtained by doctoral thesis advisors operating in the evaluated domain within the past 5 years. The grants address relevant themes for the respective domain and, as a rule, are engaging doctoral students.	The indicator is fulfilled.	
6.	PI *	<b>A.1.3.2.</b> The percentage of doctoral students active at the time of the evaluation, who for at least six months receive additional funding sources besides government funding, through scholarships awarded by individual persons or by legal entities, or who are financially supported through research or institutional / human resources development grants is not less than 20%.	The indicator is fulfilled.	<ul> <li>The number of PhD scholarship could be increased mainly coming from the university funds and at the national level to secure the availability of funds in a steadly and yearly basis, as many of the scholarship are supported by the research projects funds.</li> </ul>
7.	PI *	<b>A.1.3.3.</b> At least 10% of the total amount of doctoral grants obtained by the university through institutional contracts and of tuition fees collected from the doctoral students enrolled in the paid tuition system is used to	The indicator is fulfilled.	To increase the funds for professional training expenses of doctoral students coming from the university and the national



No.	Type of indicator (PI, PI *, CPI)	Performance indicator	Judgment	Recommendations
		reimburse professional training expenses of doctoral students (attending conferences, summer schools, training, programs abroad, publication of specialty papers or other specific forms of dissemination etc.).		government to secure these travel funds are competitive at the international level and that the doctoral students can cover travel expenses abroad.
8.	CPI	A.2.1.1. The venues and the material equipment available to the doctoral school enable the research activities in the evaluated domain to be carried out, in line with the assumed mission and objectives (computers, specific software, equipment, laboratory equipment, library, access to international databases etc.). The research infrastructure and the provision of research services are presented to the public through a specific platform. The research infrastructure described above, which was purchased and developed within the past 5 years will be presented distinctly	The indicator is fulfilled.	<ul> <li>To have a dedicated computer center. Computer classrooms are missing in the table included in this section in the internal evaluation report.</li> <li>To provide the classrooms with video projector with screen and equipped to record and broadcast online lessons.</li> <li>To increase dedicated and specialized technical staff for research and involved in the Physics doctoral studies and able to manage some high-level equipment available in the Physics doctoral program. Unbalance teaching versus technical positions is one of the reasons why the university is reluctant to increase this technical staff positions.</li> <li>The university allows to start the administrative procedures to purchase equipment and consumables once the project is approved even if the funds have not yet arrived.</li> </ul>



No.	Type of	Performance indicator	Judgment	Recommendations
	indicator (PI, PI *, CPI)		Ū	
9.	CPI	<b>A.3.1.1.</b> Minimum three doctoral thesis advisors within that doctoral domain, and at least 50% of them (but no less than three) meet the minimum standards of the National Council for Attestation of University Degrees, Diplomas and Certificates (CNATDCU) in force at the time when the evaluation is carried out, which standards are required and mandatory for obtaining the enabling certification.	The indicator is fulfilled.	To secure gender balance between faculties and doctoral students. Promoting more gender and cultural diversity in the faculty should be a priority in faculty development plans.
10.	PI *	<b>A.3.1.2.</b> At least 50% of all doctoral advisors have a full-time employment contract for an indefinite period with the IOSUD.	The indicator is fulfilled.	<ul> <li>Make public the policies for administrative personnel recruitment as no information has been given in the internal evaluation report.</li> <li>More information on lab technicians would be useful.</li> </ul>
11.	PI	<b>A.3.1.3.</b> The study subjects in the education program based on advanced higher education studies pertaining to the doctoral domain are taught by teaching staff or researchers who are doctoral thesis advisors / certified doctoral thesis advisors, professors / CS I or lecturer / CS II, with proved expertise in the field of the study subjects they teach, or other specialists in the field who meet the standards established by the institution in relation with the aforementioned teaching and research functions, as provided by the law.	The indicator is fulfilled.	
12.	PI *	<b>A.3.1.4.</b> The percentage of doctoral thesis advisors who concomitantly coordinate more than 8 doctoral students, but no more than 12, who are themselves studying in doctoral programs does not exceed 20%.	The indicator is fulfilled.	
13.	СРІ	<b>A.3.2.1.</b> At least 50% of the doctoral thesis advisors in the evaluated domain have at least 5 Web of Science- or ERIH-indexed publications in magazines of impact, or other achievements of relevant significance for that domain, including international-level contributions that indicate progress in scientific research - development -	The indicator is fulfilled.	

# ARACIS

No.	Type of	Performance indicator	Judgment	Recommendations
NO.	indicator	renormance indicator	Judgment	Recommendations
	(PI, PI *,			
	CPI)			
		innovation for the evaluated domain. The		
		aforementioned doctoral thesis advisors		
		enjoy international awareness within the past five years, consisting of: membership on		
		scientific boards of international publications		
		and conferences; membership on boards of		
		international professional associations;		
		guests in conferences or expert groups		
		working abroad, or membership on doctoral		
		defense commissions at universities abroad		
		or co-leading with universities abroad. For		
		Arts and Sports and Physical Education Sciences, doctoral thesis advisors shall		
		prove their international visibility within the		
		past five years by their membership on the		
		boards of professional associations,		
		membership in organizing committees of arts		
		events and international competitions, membership on juries or umpire teams in		
		artistic events or international competitions.		
			The	
14.	PI *	A.3.2.2. At least 50% of the doctoral thesis	indicator is	
		advisors in a specific doctoral study domain	fulfilled.	
		continue to be active in their scientific field, and acquire at least 25% of the score		
		requested by the minimal CNATDCU		
		standards in force at the time of the		
		evaluation, which are required and		
		mandatory for acquiring their enabling		
		certificate, based on their scientific results within the past five years		
			The	<ul> <li>It is encouraged to</li> </ul>
15.	PI *	B.1.1.1. The ratio between the number of	indicator is	increase the amount of
		graduates of masters' programs of other	fulfilled.	grants offered. The
		higher education institutions, national or	runneu.	number of PhD students
		foreign, who have enrolled for the doctoral admission contest within the past five years		have been steadily decreasing during the
		and the number of seats funded by the state		last years, therefore one
		budget, put out through contest within the		recommendation would
		doctoral domain is at least 0.2 or the ratio		be to increase the
		between the number of candidates within the		number of PhD grants at both the national and
				ensuring steadily and
		at least 1,2.		permanent funds, as
				many grants come from
1				doctoral program
		budget, put out through contest within the doctoral domain is at least 0.2 or the ratio between the number of candidates within the past five years and the number of seats funded by the state budget put out through contest within the doctoral studies domain is		<ul> <li>recommendation we be to increase number of PhD gran both the national university level, ensuring steadily permanent funds, many grants come the research projects</li> <li>To release a Phy</li> </ul>

/	$\frown$
	ARACIS

No.	Type of indicator (PI, PI *, CPI)	Performance indicator	Judgment	Recommendations
				website in English to promote and attract international students and therefore improve this criterium.
16.	PI *	<b>B.1.2.1.</b> Admission to doctoral study programs is based on selection criteria including: previous academic, research and professional performance, their interest for scientific or arts/sports research, publications in the domain and a proposal for a research subject. Interviewing the candidate is compulsory, as part of the admission procedure.	The indicator is fulfilled.	
17.	PI	<b>B.1.2.2.</b> The expelling rate, including renouncement / dropping out of doctoral students 3, respectively 4, years after admission does not exceed 30%.	The indicator is fulfilled.	
18.	ΡΙ	<b>B.2.1.1.</b> The training program based on advanced academic studies includes at least 3 disciplines relevant to the scientific research training of doctoral students; at least one of these disciplines is intended to study in-depth the research methodology and/or the statistical data processing.	The indicator is partially fulfilled.	<ul> <li>Re-introduction of a course dedicated to an in-depth study of research methodology and/or statistical data processing in the curriculum.</li> <li>As part of the training program, offer the PhD students the possibility to teach few hours per year to have the opportunity of including this in their CV and to acquire these competences.</li> </ul>
19.	PI	<b>B.2.1.2.</b> At least one discipline is dedicated to Ethics and Intellectual Property in scientific research or there are well-defined topics on these subjects within a discipline taught in the doctoral program.	The indicator is fulfilled.	
20.	PI	<b>B.2.1.3.</b> The IOSUD has mechanisms to ensure that the academic training program based on advanced university studies addresses "the learning outcomes", specifying the knowledge, skills, responsibility and autonomy that doctoral	The indicator is fulfilled.	



No.	Type of indicator (PI, PI *, CPI)	Performance indicator	Judgment	Recommendations
		students should acquire after completing each discipline or through the research activities.		
21.	PI	<b>B.2.1.4.</b> All along the duration of the doctoral training, doctoral students in the domain receive counselling/guidance from functional guidance commissions, which is reflected in written guidance and feedback or regular meeting.	The indicator is fulfilled.	<ul> <li>An in-house career service for students to have information on the kind of jobs students find after completing their PhD and promote this service among the doctoral students.</li> <li>Health and psychological support should be offered to students on a more structured and regular basis and mainly to international</li> </ul>
22.	СРІ	<b>B.2.1.5</b> . For a doctoral study domain, the ratio between the number of doctoral students and the number of teaching staff/researchers providing doctoral guidance must not exceed 3:1.	The indicator is fulfilled.	
23.	СРІ	<b>B.3.1.1.</b> For the evaluated domain, the evaluation commission will be provided with at least one paper or some other relevant contribution per doctoral student who has obtained a doctor's title within the past 5 years. From this list, the members of the evaluation commission shall randomly select 5 such papers / relevant contributions per doctoral study domain for review. At least 3 selected papers must contain significant original contributions in the respective domain	The indicator is fulfilled.	
24.	PI *	<b>B.3.1.2.</b> The ratio between the number of presentations of doctoral students who completed their doctoral studies within the evaluated period (past 5 years), including posters, exhibitions made at prestigious international events (organized in the country or abroad) and the number of doctoral students who have completed their doctoral	The indicator is fulfilled.	



No.	Type of indicator (PI, PI *, CPI)	Performance indicator	Judgment	Recommendations
		studies within the evaluated period (past 5 years) is at least 1.		
25.	PI *	<b>B.3.2.1.</b> The number of doctoral theses allocated to one specialist coming from a higher education institution, other than the evaluated IOSUD should not exceed two (2) in a year for the theses coordinated by the same doctoral thesis advisor.	The indicator is partially fulfilled.	<ul> <li>To increase and promote the defense of PhD theses in English, to include an international reviewer and therefore defend the thesis with an International seal of excellence.</li> <li>To monitor the referees of the doctoral thesis defence committees such that no referee from another higher-education institution will receive for evaluation more than 2 theses coordinated by the same doctoral supervisor</li> </ul>
26.	PI *	<b>B.3.2.2.</b> The ratio between the doctoral theses allocated to one scientific specialist coming from a higher education institution, other than the institution where the defense on the doctoral thesis is organized, and the number of doctoral theses presented in the same doctoral study domain in the doctoral school should not exceed 0.3, considering the past five years. Only those doctoral study domains in which minimum ten doctoral theses have been presented within the past five years should be analyzed.	The indicator is fulfilled.	
27.	PI	<ul> <li>C.1.1.1. The Doctoral school in the respective university study domain shall demonstrate the continuous development of the evaluation process and its internal quality assurance following a procedure developed and applied at the level of the IOSUD, the following assessed criteria being mandatory:</li> <li>a) the scientific work of Doctoral advisors;</li> <li>b) the infrastructure and logistics necessary to carry out the research activity;</li> <li>c) the procedures and subsequent rules based on which doctoral studies are organized;</li> <li>d) the scientific activity of doctoral students;</li> </ul>	The indicator is partially fulfilled.	<ul> <li>The School should implement a system of surveys to seek the opinions not only of students and faculty but of technical, administrative staff and alumni, to track the careers and collect statistics in order to measure the impact of the activities.</li> <li>Study the degree of the employement of the</li> </ul>



No.	Type of	Performance indicator	Judgment	Recommendations
	indicator (PI, PI *, CPI)			
		<ul> <li>e) the training program based on advanced academic studies of doctoral students;</li> <li>f) social and academic services (including for participation at different events, publishing papers etc.) and counselling made available to doctoral students.</li> </ul>		Physics doctoral program and a description by sectors of where the alumni are employed
28.	₽I *	<b>C.1.1.2.</b> Mechanisms are implemented during the stage of the doctoral study program to enable feedback from doctoral students allowing to identify their needs, as well as their overall level of satisfaction with the doctoral study program in order to ensure continuous improvement of the academic and administrative processes. Following the analysis of the results, there is evidence that an action plan was drafted and implemented.	The indicator is partially fulfilled.	<ul> <li>To pursue a quality commission for the Physics doctoral program to set up the quality assurance procedures at the level of the Physics Domain and the implementation of quality protocols and quality assurance.</li> <li>To monitor the satisfaction of professors, students, technical and administrative staff via surveys every academic year.</li> <li>Consider indicators as the employment sectors of the alumni of this PhD program.</li> </ul>
29.	CPI	<ul> <li>C.2.1.1. The IOSUD publishes on the website of the organizing institution, in compliance with the general regulations on data protection, information such as:</li> <li>a) the Doctoral School regulation;</li> <li>b) the admission regulation;</li> <li>c) the doctoral studies contract;</li> <li>d) the study completion regulation including the procedure for the public presentation of the thesis;</li> <li>e) the content of training program based on advanced academic studies;</li> <li>f) the academic and scientific profile, thematic areas/research themes of the Doctoral advisors within the domain, as well as their institutional contact data;</li> <li>g) the list of doctoral students within the domain with necessary information (year of registration; advisor);</li> </ul>		<ul> <li>To improve its Website with an English version and design a strategy for promoting and achieving higher international reputation and visibility (rankings, education fairs, media, etc.).</li> </ul>



No.	Type of	Performance indicator	Judgment	Recommendations
	indicator (PI, PI *, CPI)			
		<ul> <li>h) information on the standards for developing the doctoral thesis;</li> <li>i) links to the doctoral theses' summaries to be publicly presented and the date, time, place where they will be presented; this information will be communicated at least twenty days before the presentation.</li> </ul>		
30.	PI	<b>C.2.2.1.</b> All doctoral students have free access to one platform providing academic databases relevant to the doctoral studies domain of their thesis.	The indicator is fulfilled.	
31.	PI	<b>C.2.2.</b> Each doctoral student shall have access, upon request, to an electronic system for verifying the degree of similarity with other existing scientific or artistic works.	The indicator is fulfilled.	
32.	PI	<b>C.2.2.3.</b> All doctoral students have access to scientific research laboratories or other facilities depending on the specific domain/domains within the Doctoral School, according to internal order procedures.	The indicator is fulfilled.	<ul> <li>To have a dedicated computer center. Computer classrooms are missing in the table included in this section in the internal evaluation report.</li> <li>To provide the classrooms with video projector with screen and equipped to record and broadcast online lessons.</li> </ul>
33.	PI *	<b>C.3.1.1.</b> IOSUD, for every evaluated domain, has concluded mobility agreements with universities abroad, with research institutes, with companies working in the field of study, aimed at the mobility of doctoral students and academic staff (e.g., ERASMUS agreements for the doctoral studies). At least 35% of the doctoral students have completed a training course abroad or other mobility forms such as attending international scientific conferences. IOSUD drafts and applies policies and measures aiming at increasing the number of doctoral students participating at mobility periods abroad, up to at least 20%, which is the target at the level of the European Higher Education Area.	The indicator is fulfilled.	<ul> <li>The visibility of the doctoral school can be improved, with a better website improved by an English version, to increase the visibility of its outputs (mainly research), and by design a strategy for achieving higher international reputation and visibility (rankings, education fairs, media, etc.).</li> <li>Encourage the Physics doctoral program to develop a medium-term strategy to increase its</li> </ul>

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No.	Type of indicator (PI, PI *, CPI)	Performance indicator	Judgment	Recommendations
				<ul> <li>international visibility and possibly to reach higher positions in the international rankings, which could represent a valuable means to attract more international qualified students and possibly also international faculty members.</li> <li>The Physics PhD program is highly encouraged to consider increasing the number of formal international agreements for student exchanges, co- supervision with international collaborators and possibly joint PhD degrees with some top foreign institutions.</li> </ul>
34.	PI	<b>C.3.1.2.</b> In the evaluated doctoral study domain, support is granted, including financial support, to the organization of doctoral studies in international co-tutelage or invitation of leading experts to deliver courses/lectures for doctoral students.	The indicator is fulfilled.	<ul> <li>To increase funds coming from the university and central government to increase the existing travel grants to make them competitive when travelling abroad.</li> </ul>
35.	PI	<b>C.3.1.3.</b> The internationalization of activities carried out during the doctoral studies is supported by IOSUD through concrete measures (e.g., by participating in educational fairs to attract international doctoral students; by including international experts in guidance committees or doctoral committees etc.).	The indicator is fulfilled.	

The recommendations contained in the report shall be resumed in the indicators' analysis. Other general recommendations may be made that do not fit within a particular indicator.

VERY IMPORTANT!!! – Each identified weakness must be correlated with at least one recommendation to improve the situation!



#### VI. Conclusions and general recommendations

Several important issues raised during the evaluation are resumed and some general conclusions are drawn on the quality of the education provided within the doctoral study domain under review; the Experts' Panel also presents general assessments about the institution. Other general recommendation may also be presented, which cannot be related to a specific indicator and have not been presented at point V.

A decision is proposed, together with the reasons for granting it (if the Experts' Panel members do not reach a consensus, each of them can propose and argue his/her own decision).

TFor instance, the Physics doctoral program is one of the most powerfull of the doctoral programs in this university with around 6% of the total permanent profesors of the university. Indeed, the Physics faculty staff contributes with around 40% of the total amount of nternational referred journals in the university. Moreover, the research Infraestructure and equipment is complatible with high standards. All laboratories are very well equiped. The quality of research in term of international collaborations and number of published sientific papers in high impact international journals. This Physics doctroral program has collaboration with many universities abroad. For instance cooperation between the Physics doctoral program with Japan called double doctoral program where the student complete half of the studies in lasi and then continue in Japan thanks to the good cooperation between the two programas and supervisors. Then the student come back to Romania and finished the PhD Thesis and obtaine a double degree of Material ingeniering in Japan and Physics in Romania. Nevertheless there are issues to be improved as for instance, the Physics program can offer fellowships by our gobernment that are lower (around 300 euros) than in other laboratories abroad and western countries. In addition to the gobernment fellowship there are fellowships coming from the own university. The number of fellowship is decreasing. It can be improved with the presence of the doctoral university in international training network for doctoral students under specific topics to have the opportunity of fellowship or training stays. From the audiences during the review process, it has been shown that there are students that need to work in the meantime they accomplished the PhD Thesis therefore are not full time involved in the PhD program and therefore needs more than four years to finish the PhD thesis and are not available for Erasmus mobility. Concerning PhD thesis defended in an international environment is difficult to have and international member involved because of lack of funds. Now it is allowed to improve this rate. Cotutela with other international universities is an important issue that deserves to be improved as well.

#### **VII. Annexes**

The following types of documents shall be attached:

- The detailed schedule of the evaluation visit MANDATORY.
- The survey questionnaire applied to doctoral students or academic staff in the doctoral study domain under review, the results optional (e.g., in graphic form) and their interpretation if applicable.
- Scanned documents any document requested from the IOSUD during the evaluation visit and received, which is not found in the internal evaluation file received before the visit and referred to in the report.
- Pictures if relevant issues are raised regarding the condition of the student residences, cafeterias, premises for teaching and learning activities, library etc.
- Screenshots/Print screens of the Doctoral School/IOSUD website proving specific claims in the report, accompanied by the date when they were accessed and saved.



• Any other documents relevant to the evaluation process referred to in the report.

## Perioada de derulare a vizitei: 09.09.2021 - 17.09.2021 The evaluation period: 09.09.2021 - 17.09.2021

## Evaluarea Externă Periodică a IOSUD și a domeniilor de studii universitare de doctorat

## Periodical External Evaluation of the Institution Organising Doctoral Study Programs (IOSUD), and of the doctoral study domains

Intervalul orar/(Buch arest time)	Activitate/Activity	Participanți/Participants	
		Joi/Thursday, (	09.09.2021
09:00- 09:45	Întâlnire online pentru pregătirea și armonizarea etapelor de evaluare, în modul mixt, la nivel de domenii de doctorat și de IOSUD Online meeting for the preparation and harmonization of evaluation steps, in hybrid mode, of doctoral study domains and IOSUD	ComisiadeevaluareIOSUD/domeniiIOSUD / domain evaluation panel- toți membrii echipei de evaluare- all evaluation panel members	Înregistrare audio-video/plat Audio-video recording/ARAC Link: Topic: IOSUD-UAIC Inta Time: Sep 9, 2021 09:00 Join Zoom Meeting https://us02web.zoom.us/j/ UT09 Meeting ID: 849 2797 1280
10:00- 10:45	Întâlnirea online a comisiei de experți evaluatori cu reprezentanții conducerii UAIC și ai CSUD Online meeting with representatives of the UAIC institution and of the Council for Academic Doctoral Studies (CSUD)	ComisiadeevaluareIOSUD/domeniiIOSUD/domain evaluation panel- toți membrii echipei de evaluare- all evaluation panel members- reprezentanți ai conducerii UAIC- reprezentanți ai conducerii UAIC- reprezentați ai CSUD și ai ȘcoliiDoctorale UAIC- representatives of the CSUD andof the UAIC Doctoral School- persoana- persoana- the contact person forIOSUD/doctoral domains	Passcode: 250620 Înregistrare audio-video/ <b>plat</b> <i>Audio-video recording/UAIC</i> Florin Brinza is inviting you t Topic: comisie evaluare si re Time: Sep 9, 2021 10:00 AM Join Zoom Meeting <u>https://us06web.zoom.us/i/</u> <u>VdnUT09</u> Meeting ID: 881 2650 9181 Passcode: 3qfk0Q
11:00- 12:00	Activități de evaluare <i>Evaluation activities</i>	Comisia de evaluare domeniu Domain evaluation panel - membrii comisiei de experți	Înregistrare audio-video/ <b>plat</b> Audio-video recording/UAIC
	Domeniu <sup>6</sup> : Întâlnire online a comisiei de experți evaluatori cu responsabilul	evaluatori domeniu	Domeniu/Domain 1. BIOLOGIE/ <i>BIOLOGY</i>

<sup>&</sup>lt;sup>6</sup> Pentru toate întâlnirile din program unde se menționează domeniu, se vor organiza, de două ori câte **7** întâlniri în paralel, pentru cele **14** domenii de studii universitare de doctorat din componența IOSUD. *For all the* 



Intervalul orar/(Buch	Activitate/Activity	Participanți/Participants	
arest time)	domeniului de studii universitare de doctorat evaluat și cu echipa care a realizat raportul de evaluare internă Domain: Online meeting with the contact person for the doctoral study domain under review and the team who drafted the internal evaluation report	<ul> <li>members of domain evaluation panel</li> <li>responsabilul domeniului de studii universitare de doctorat evaluat și echipa care a realizat raportul de evaluare internă</li> <li>the doctoral study domain contact person and the team who drafted the internal evaluation report</li> </ul>	https://us06web.zoom.u QkJ0QT09 Meeting ID: 698 262 312 Passcode: aracisbio 2. CHIMIE/CHEMISTRY https://us06web.zoom.u Sak5KZ209 Meeting ID: 846 8284 81 Passcode: 420904 4. GEOGRAFIE/ GEOGRAF https://us06web.zoom.u VOQy9uZz09 Meeting ID: 898 8611 85 Passcode: 4637956. 6. ŞTIINȚA MEDIULUI/EN https://us06web.zoom.u UWWJ5b3ZuZz09 Meeting ID: 844 1961 8 Passcode: 625519 7. INFORMATICĂ/INFORM https://us06web.zoom.u aGRJQT09 Meeting ID: 844 0889 87 Passcode: 834277 9. DREPT/LAW https://us06web.zoom.u zdnNBQT09 Meeting ID: 831 6088 60 Passcode: 323408 10. ECONOMIE/ECONOM https://us06web.zoom.u SkpyOXMyQT09 Meeting ID: 889 6869 9 Passcode: 606847 12. CONTABILITATE/ACC https://us06web.zoom.u

timetable meetings where the domain is mentioned, 7 meetings will be organized in parallel, for two times, for the 14 doctoral university studies domains within IOSUD.

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Intervalul orar/(Buch arest time)	Activitate/Activity	Participanți/Participants	
			13. CIBERNETICĂ ȘI STATI <u>https://us06web.zoc</u> <u>ZXpzS3FJUT09</u> Meeting ID: 880 418 Passcode: 770300
			<ul> <li>14. INFORMATICĂ ECON Join Zoom Meeting <u>https://us06web.zoo</u> <u>nB2QTBaQT09</u> Meeting ID: 894 930 Passcode: 986918</li> <li>16. MANAGEMENT/MAN <u>https://us06web.zoo</u> <u>Lc2I2STFtUT09</u> Meeting ID: 838 176</li> </ul>
			Passcode: 989408 17. MARKETING/MARKET https://us06web.zoom. OYytBQT09 Meeting ID: 876 5493 2 Passcode: 122351
			18. FILOSOFIE/PHILOSOP Topic: ARACIS FILOSOFIE DOMENIU
			Time: Sep 9, 2021 11:00 PM B Join Zoom Meeting https://us06web.zoom.us/j/8
			<u>Allenting ID: 834 1677 4338</u> Passcode: 108963
12:15- 13:15	Activități de evaluare Evaluation activities	Comisia de evaluare domeniu Domain evaluation panel	Înregistrare audio-video/ <b>plat</b> Audio-video recording/UAIC
	<u>Domeniu<sup>2</sup></u> : Întâlnire online a comisiei de experți evaluatori cu responsabilul domeniului de studii universitare de doctorat evaluat și cu echipa care a realizat raportul de evaluare internă <u>Domain</u> : Online meeting with the contact person for the doctoral study domain under review and the team	<ul> <li>membrii comisiei de experți evaluatori domeniu</li> <li>members of domain evaluation panel</li> <li>responsabilul domeniului de studii universitare de doctorat evaluat și echipa care a realizat raportul de evaluare internă</li> </ul>	Domeniu/Domain 3. FIZICĂ/PHYSICS <u>https://us06web.zoom.u</u> <u>Bodz09</u> Meeting ID: 844 8877 53 Passcode: 931561 5. GEOLOGIE/GEOLOGY



Intervalul orar/(Buch	Activitate/Activity	Participanți/Participants	
arest time)	who drafted the internal evaluation	- the doctoral study domain	https://us06web.zoom.u
	report	contact person and the team who drafted the internal evaluation report	ZRW5Bdz09 Meeting ID: 849 4823 78 Passcode: 038602
			8. MATEMATICĂ/MATHS https://us06web.zoom.us/j QT09 Meeting ID: 892 5594 2256 Passcode: 541606
			11. FINANȚE/ <i>FINANCE</i> <u>https://us06web.zoom.u</u> vZz09
			Meeting ID: 759 854 492 Passcode: 1234
			15. ECONOMIE ȘI AFACER <i>AFFAIRS</i> <u>https://us06web.zoom.</u> <u>I6WStDdz09</u> Meeting ID: 830 6516 2 Passcode: 514268
			19. ȘTIINȚE POLITICE/ <mark>POL</mark>
			20. ȘTIINȚE ALE COMUNI Link:
			21. PSIHOLOGIE/PSYCHO https://us06web.zoc <u>TBmYnFPZz09</u> Meeting ID: 861 346 Passcode: 432024 22. ŞTIINŢE ALE EDUCAŢI https://us06web.zoom. wY2c1dz09 Meeting ID: 867 2859 0 Passcode: 490324
			23. FILOLOGIE/PHILOLOG https://us06web.zoom.us 2Y2UT09 Meeting ID: 840 9540 891 Passcode: 276809

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Intervalul orar/(Buch arest time)	Activitate/Activity	Participanți <i>/ Participants</i>	
alest time)			24. SOCIOLOGIE/SOCIOLO
			<u>https://us06web.zoom</u> . <u>UjBKQT09</u> Meeting ID: 843 3865 6 Passcode: 114661
			25. ISTORIE/ <i>HISTORY</i> <u>https://us06web.zoom</u> <u>mMUdZUT09</u> Meeting ID: 882 8571 Passcode: 985557
			26. TEOLOGIE/THEOLOGI
			https://us06web.zoo w1ZVFzZz09 Meeting ID: 865 7131 Passcode: 623192
			27. ŞTIINȚA SPORTULUI S <u>EDUCATION</u> <u>https://us06web.zoom.u</u> <u>RWhUZz09</u> Meeting ID: 850 2034 72 Passado: 072728
12:15-	Activități de evaluare	Comisia de evaluare IOSUD	Passcode: 073738 Înregistrare audio-video/ <b>plat</b>
13:15	Evaluation activities IOSUD: Întâlnire online a comisiei de experți evaluatori cu directorul CSUD/directorul Școlii Doctorale din	IOSUD evaluation panel - membrii comisiei de experți evaluatori IOSUD - members of IOSUD evaluation panel	Audio-video recording/UAIC Florin Brinza is inviting you t Topic: membrii CSUD, SD, re Time: Sep 9, 2021 12:00 PM
	UAIC supus procesului de evaluare și cu echipa care a realizat raportul de evaluare internă <u>IOSUD</u> : Online meeting with the director of CSUD/UAIC Doctoral	<ul> <li>reprezentanți ai CSUD și ai</li> <li>şcolilor Doctorale UAIC/IOSUD</li> <li>representatives of CSUD and of</li> </ul>	Join Zoom Meeting https://us06web.zoom.us/j/ 5UT09
	School director and the team who drafted the internal evaluation report	UAIC Doctoral School/IOSUD	Meeting ID: 822 4910 5367 Passcode: 3qfk0Q
13:30- 14:30	Activități de evaluare Evaluation activities	Comisia de evaluare IOSUD IOSUD evaluation panel	Înregistrare audio-video/ <b>plat</b> Audio-video recording/UAIC Florin Brinza is inviting you t
	IOSUD: Întâlnire online a comisiei de experți evaluatori cu personalul didactic aferent Școlii Doctorale UAIC din IOSUD	<ul> <li>membrii comisiei de experți</li> <li>evaluatori IOSUD</li> <li>members of IOSUD evaluation</li> <li>panel</li> </ul>	Topic: evaluatori si indrumat Time: Sep 9, 2021 01:30 PM
	IOSUD: Online meeting with IOSUD academic staff of UAIC Doctoral School	<ul> <li>cadre didactice cu titlul de conducător de doctorat</li> </ul>	Join Zoom Meeting

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Intervalul orar/(Buch arest time)	Activitate/Activity	Participanți/Participants	
		- Doctoral supervisors	https://us06web.zoom.us/j/ MFNBZz09 Meeting ID: 864 9120 6746 Passcode: 545662
14:30- 15:30	Activități de evaluare Evaluation activities Domeniu: Întâlnire online a comisiei de experți evaluatori cu personalul didactic aferent domeniului evaluat Domain: Online meeting with the academic staff corresponding to the doctoral study domain	Comisia de evaluare domeniu Domain evaluation panel -membrii comisiei de experți evaluatori domeniu - members of domain evaluation panel -cadre didactice cu titlul de conducător de doctorat - Doctoral supervisors	Passcode: 343002         Înregistrare audio-video/plat         Audio-video recording/UAIC         Domeniu/Domain         1. BIOLOGIE/BIOLOGY         Link         Time: Sep 9, 2021 02:30         Join Zoom Meeting         https://us06web.zoom.u         QkJ0QT09         Meeting ID: 698 262 312         Passcode: aracisbio         2. CHIMIE/CHEMISTRY         https://us06web.zoom.u         NyaDluQT09         Meeting ID: 815 9029 66         Passcode: 164812         4. GEOGRAFIE/ GEOGRAF         https://us06web.zoom.u         NyaDluQT09         Meeting ID: 815 9029 66         Passcode: 164812         4. GEOGRAFIE/ GEOGRAF         https://us06web.zoom.u         FITEt3UT09         Meeting ID: 826 7829 07         Passcode: 856995         6. ŞTIINȚA MEDIULUI/EN         https://us06web.zoom.u         HdnUk9QUT09         Meeting ID: 871 4885 9         Passcode: 498185         7. INFORMATICĂ/INFORM         https://us06web.zoom.         3TE1zQT09         Meeting ID: 873 9617 2         Passcode: 932894         9. DREPT/LAW         <



Intervalul orar/(Buch arest time)	Activitate/Activity	Participanți/Participants	
			10. ECONOMIE/ <i>ECONOM</i> https://us06web.zoom <u>QkRLQmJWQT09</u> Meeting ID: 873 9505 4 Passcode: 253019
			12. CONTABILITATE/ACC https://us06web.zoom NDQ1VyZz09 Meeting ID: 847 0242 9 Passcode: 498418
			13. CIBERNETICĂ ȘI STAT NU AU INTALNIRE PROC
			14. INFORMATICĂ ECON https://us06web.zoom. ZmVIUT09 Meeting ID: 889 2538 3 Passcode: 142144
			16. MANAGEMENT/ <i>MAN</i> <u>https://us06web.zoom</u> <u>V240Zz09</u> Meeting ID: 814 1521 1
			Passcode: 062091 17. MARKETING/MARKE
			18. FILOSOFIE/PHILOSOP Topic: ARACIS FILOSOFIE DOCTORAT
			Time: Sep 9, 2021 03:30 PM E
			Join Zoom Meeting
			https://us06web.zoom.us/j/8 jFtdz09
			Meeting ID: 863 3692 7219
			Passcode: 583824
15:45- 16:45	Activități de evaluare Evaluation activities	Comisia de evaluare domeniu Domain evaluation panel	Înregistrare audio-video/ <b>pla</b> <i>Audio-video recording/UAIC</i> <b>Domeniu/Domain</b>



Intervalul orar/(Buch arest time)	Activitate/Activity	Participanți/Participants	
	Domeniu: Întâlnire online a comisiei de experți evaluatori cu personalul didactic aferent domeniului evaluat Domain: Online meeting with the academic staff corresponding to the doctoral study domain	<ul> <li>-membrii comisiei de experți evaluatori domeniu</li> <li>- members of domain evaluation panel</li> <li>-cadre didactice cu titlul de conducător de doctorat</li> <li>- Doctoral supervisors</li> </ul>	3. FIZICĂ/PHYSICS https://us06web.zoom.u d2gwdz09 Meeting ID: 872 2439 35 Passcode: 322161 5. GEOLOGIE/GEOLOGY https://us06web.zoom.u 1eFZEUT09 Meeting ID: 862 6921 82 Passcode: 543659 8. MATEMATICĂ/MATHS https://us06web.zoom.u SHVMQT09 Meeting ID: 986 607 886 Passcode: 541606 11. FINANŢE/FINANCE https://us06web.zoom. bS8vZz09 Meeting ID: 759 854 49 Passcode: 1234 15. ECONOMIE ŞI AFACER AFFAIRS https://us06web.zoom. mpMOEFydz09 Meeting ID: 812 0213 5 Passcode: 403913 19. ŞTIINŢE POLITICE/POI https://us06web.zoom. jJJMHRidz09 Meeting ID: 812 0213 5 Passcode: 403913 19. ŞTIINŢE POLITICE/POI https://us06web.zoo jJJMHRidz09 Meeting ID: 861 331 Passcode: 834098 20. ŞTIINŢE ALE COMUNI Link: 21. PSIHOLOGIE/PSYCHO https://us06web.zoom. taVd5UT09 Meeting ID: 836 3242 9 Passcode: 569664 22. ŞTIINŢE ALE EDUCAŢI https://us06web.zoom.

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Intervalul orar/(Buch	Activitate/ <u>Activity</u>	Participanți/ <i>Participants</i>	
arest time)			
			Meeting ID: 839 6240 3 Passcode: 426614
			23. FILOLOGIE <mark>/PHILOLOG</mark> Link:
			<u>https://us06web.zoc</u> <u>bINIMktWdz09</u>
			Meeting ID: 850 340 Passcode: 446488
			24. SOCIOLOGIE/ <mark>SOCIOLO</mark> Link:
			Time: Sep 9, 2021 12:00 PM
			Join Zoom Meeting
			https://us06web.zoom.us/j/84 QT09
			Meeting ID: 843 3865 6188
			Passcode: 114661
			25. ISTORIE/ <i>HISTORY</i>
			<u>https://us06web.zoom.</u> 0Y3QrUT09
			Meeting ID: 863 9931 2
			Passcode: 253193
			26. TEOLOGIE/ <i>THEOLOG</i> Y Link:
			27. ȘTIINȚA SPORTULUI S <i>EDUCATION</i>
			https://us06web.zoc
			wNmo5WWt6QT09 Meeting ID: 823 663
			Passcode: 432413
17:00-	Continuarea activităților de evaluare	Comisia de evaluare IOSUD	Se lucrează separat. <sup>7</sup>
18:00	a domeniilor de studii universitare de doctorat și IOSUD	IOSUD evaluation panel - la nivel de IOSUD	Independent evaluation activ

<sup>&</sup>lt;sup>7</sup> În cazul în care se organizează întâlniri suplimentare cu reprezentanții instituției de învățământ superior sau cu alte părți interesante, acestea se vor organiza în format online, după caz, de către instituția evaluată sau de către echipa de evaluare, iar înregistrările se vor încărca în *cloud-ul* ARACIS. Daca sunt întâlniri între membrii echipei de evaluare, nu este necesară încărcarea înregistrărilor. Se pot organiza și vizite la fața locului, de comun acord cu persoana de contact de la domeniul evaluat. *If additional meetings are organized with the representatives of the higher education institution or with other interested parties, they will be organized in online format, as the case may be, by the evaluated institution or by the evaluation team, and the records will be uploaded to ARACIS'* 

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Intervalul orar/(Buch arest time)	Activitate/Activity	Participanți/Participants	
	Continuation of the doctoral study domain and IOSUD evaluation activities	<ul> <li>at IOSUD level</li> <li>la nivel de domenii de doctorat</li> <li>at doctoral study domain level</li> </ul>	
		Vineri/ <i>Friday,</i> 3	10.09.2021
10:30- 18:00	Reuniuni de lucru față în față <sup>8</sup> , vizitarea bazei materiale didactice și de cercetare <i>Face-to-face working meetings,</i> <i>visiting the educational and research</i> <i>infrastructure</i>	<ul> <li>directorul de misiune şi coordonatorul, studentul doctorand IOSUD, coordonatorii comisiilor de evaluare a domeniilor de doctorat</li> <li>the Evaluation Director and the coordinator of the IOSUD evaluation panel, PhD student expert IOSUD, the evaluators at doctoral study domain level</li> <li>reprezentanți ai UAIC - UAIC's representatives</li> </ul>	Vizită UAIC
		Luni/Monday, 1	13.09.2021
09:00- 10:00	Activități de evaluare <i>Evaluation activities</i> <u>Domeniu</u> : Întâlnire online a comisiei de evaluare cu studenții doctoranzi UAIC <u>Domain:</u> Online meeting with UAIC PhD students	Comisia de evaluare IOSUD IOSUD evaluation panel - membrii comisiei de experți evaluatori domeniu - members of domain evaluation panel - studenții doctoranzi UAIC - UAIC PhD students	Înregistrare audio-video/plat Audio-video recording/ARAC Domeniu/Domain 1. BIOLOGIE/BIOLOGY Link; Topic: IOSUD - UAIC Inta PhD students - BIOLOGY Time: Sep 13, 2021 09:00 Join Zoom Meeting https://us02web.zoom.u SXB1dz09 Meeting ID: 848 3124 84 Passcode: 724826 2. CHIMIE/CHEMISTRY Link; Topic: IOSUD - UAIC Inta PhD students - CHEMIST Time: Sep 13, 2021 09:00 Join Zoom Meeting https://us02web.zoom.u jVrdz09

cloud. If there are meetings between the members of the evaluation team, it is not necessary to upload the records. On-site visits may also be arranged, in agreement with the contact person of the evaluated domain. <sup>8</sup> Experții evaluatori la nivelul domeniilor de studii universitare de doctorat pot stabili independent programul vizitei la fața locului, de comun acord cu persoana de contact de la domeniul evaluat și respectând programul întâlnirilor comune cu restul membrilor echipei de evaluare. The evaluators at doctoral study domain level can independently establish the program of the on-site visit, in agreement with the contact person for the evaluated domain and respecting the schedule of joint meetings with the rest of the evaluation panel members.



Intervalul orar/(Buch arest time)	Activitate/Activity	Participanți/Participants	
			Meeting ID: 848 1820 49 Passcode: 363858
			4. GEOGRAFIE/ GEOGRAF Link; Topic: IOSUD - UAIC Int with PhD students - GE Time: Sep 13, 2021 09:00 Join Zoom Meeting https://us02web.zoom.u VDaHNpdz09 Meeting ID: 824 1184 93 Passcode: 363802
			6. ŞTIINȚA MEDIULUI/ <i>EN</i> Link: Topic: IOSUD - UAIC In Meeting with PhD students - Time: Sep 13, 2021 09:0 Join Zoom Meeting <u>https://us02web.zoom.</u> <u>TB4K05Qdz09</u> Meeting ID: 879 0542 8 Passcode: 550822
			7. INFORMATICĂ/ <i>INFORM</i> Link: Topic: IOSUD - UAIC Inta with PhD students - INFORM Time: Sep 13, 2021 09:0 Join Zoom Meeting <u>https://us02web.zoom.</u> <u>NJBSm8xQT09</u> Meeting ID: 897 0042 0 Passcode: 767533
			9. DREPT/LAW Link: Topic: IOSUD - UAIC Int PhD students - LAW Time: Sep 13, 2021 09:0 Join Zoom Meeting <u>https://us02web.zoom.</u> KdWdIQT09 Meeting ID: 854 2855 9 Passcode: 625052
			10. ECONOMIE/ <i>ECONOM</i> Link:

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Intervalul orar/(Buch arest time)	Activitate/Activity	Participanți/Participants	
			Topic: IOSUD - UAIC In with PhD students - ECONON Time: Sep 13, 2021 09: Join Zoom Meeting <u>https://us02web.zoom.</u> <u>SQ2ZYZz09</u> Meeting ID: 890 0964 9 Passcode: 090491
			12. CONTABILITATE/ACC Link: Topic: IOSUD - UAIC I Meeting with PhD students - Time: Sep 13, 2021 09:C Join Zoom Meeting https://us02web.zoom. VozZE84QT09 Meeting ID: 845 0864 7
			Passcode: 830169 13. CIBERNETICĂ ȘI STATI Link: Topic: IOSUD - UAI STATISTICĂ / Meetin Time: Sep 13, 2021 0 Join Zoom Meeting <u>https://us02web.zoc</u> <u>nF5d0FOZz09</u> Meeting ID: 857 647 Passcode: 124095
			14. INFORMATICĂ ECON Link: Topic: IOSUD - UAIC ECONOMICĂ / Meeting with Time: Sep 13, 2021 09:C Join Zoom Meeting <u>https://us02web.zoom.</u> <u>N3N0IMQT09</u> Meeting ID: 890 1843 7 Passcode: 089092
			16. MANAGEMENT/ <i>MAN</i> Link: Topic: IOSUD - UAIC I Meeting with PhD students - Time: Sep 13, 2021 09:0 Join Zoom Meeting

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Intervalul orar/(Buch arest time)	Activitate/Activity	Participanți / Participants	
arest time)			https://us02web.zoom. 9yRS9SUT09 Meeting ID: 820 7030 6 Passcode: 178208 17. MARKETING/MARKET Link: Topic: IOSUD - UAIC In with PhD students - MARKET Time: Sep 13, 2021 09:0 Join Zoom Meeting https://us02web.zoom. 0WEJ2ZZ09 Meeting ID: 834 4016 6 Passcode: 932410 18. FILOSOFIE/PHILOSOP Link: Topic: IOSUD - UAIC with PhD students - Time: Sep 13, 2021 0 Join Zoom Meeting https://us02web.zoo
10:15-	Activități de evaluare	Comisia de evaluare IOSUD	<u>kMIMydi9pQT09</u> Meeting ID: 865 507 Passcode: 149471 Înregistrare audio-video/ <b>plat</b>
11:15	Evaluation activities <u>Domeniu</u> : Întâlnire online a comisiei de evaluare cu studenții doctoranzi UAIC <u>Domain:</u> Online meeting with UAIC PhD students	<ul> <li>IOSUD evaluation panel</li> <li>membrii comisiei de experți evaluatori domeniu</li> <li>members of domain evaluation panel</li> <li>studenții doctoranzi UAIC</li> <li>UAIC PhD students</li> </ul>	Audio-video recording/ARAC Domeniu/Domain 3. FIZICĂ/PHYSICS Link; Topic: IOSUD - UAIC Intal students - PHYSICS Time: Sep 13, 2021 10:15 Join Zoom Meeting https://us02web.zoom.u a0RBZz09 Meeting ID: 838 2417 81 Passcode: 363425
			5. GEOLOGIE/ <i>GEOLOGY</i> Link; Topic: IOSUD - UAIC Inta PhD students - GEOLOGY Time: Sep 13, 2021 10:15 Join Zoom Meeting



Intervalul orar/(Buch arest time)	Activitate/Activity	Participanți/Participants	
			https://us02web.zoom.u KcG9JQT09 Meeting ID: 833 4975 58 Passcode: 687407
			8. MATEMATICĂ/MATHS Link; Topic: IOSUD - UAIC Inta with PhD students - MAT Time: Sep 13, 2021 10:15 Join Zoom Meeting <u>https://us02web.zoom.u</u> <u>GZHJhdz09</u> Meeting ID: 879 4265 32 Passcode: 788222
			11. FINANȚE/FINANCE Link: Topic: IOSUD - UAIC Intalnire students - FINANCE Time: Sep 13, 2021 10:15 Join Zoom Meeting <u>https://us02web.zoom.us/j/</u> rdz09 Meeting ID: 872 9546 7395 Passcode: 079498
			15. ECONOMIE ȘI AFACER <i>AFFAIRS</i> Link: Topic: IOSUD - UAIC Int INTERNATIONALE / Meeting AFFAIR Time: Sep 13, 2021 10:1 Join Zoom Meeting <u>https://us02web.zoom.</u> <u>YdTRkUT09</u> Meeting ID: 880 3897 7 Passcode: 337994
			19. ŞTIINȚE POLITICE/ PO Link: Topic: IOSUD - UAIC I Meeting with PhD students - Time: Sep 13, 2021 10:1 Join Zoom Meeting <u>https://us02web.zoom.</u> ais2Zz09 Meeting ID: 815 8959 1



Intervalul orar/(Buch arest time)	Activitate/Activity	Participanți/Participants	
			Passcode: 724979
			20. ȘTIINȚE ALE COMUNI Link: Topic: IOSUD - UA COMUNICĂRII / Mee Time: Sep 13, 2021 1
			Join Zoom Meeting <u>https://us02web.zoc</u> <u>OFPQjU2UT09</u> Meeting ID: 845 599 Passcode: 392955
			21. PSIHOLOGIE/ PSYCHO Link: Topic: IOSUD – UA Meeting with PhD st Time: Sep 13, 2021 1 Join Zoom Meeting <u>https://us02web.zoo</u> <u>mNRU3pvUT09</u> Meeting ID: 890 660 Passcode: 527072
			22. ŞTIINȚE ALE EDUCAȚI Link: Topic: IOSUD - UAIC Int / Meeting with PhD students Time: Sep 13, 2021 10:1 Join Zoom Meeting <u>https://us02web.zoom.</u> 2djQT09 Meeting ID: 879 2131 8 Passcode: 008092
			24. SOCIOLOGIE/SOCIOLO Link: Topic: IOSUD - UAIC In with PhD students - SOCIOLO Time: Sep 13, 2021 10:1 Join Zoom Meeting <u>https://us02web.zoom.</u> bkg2UT09 Meeting ID: 847 4591 8 Passcode: 540920
			25. ISTORIE/ <i>HISTORY</i> Link:

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Intervalul orar/(Buch arest time)	Activitate/Activity	Participanți/Participants	
			Topic: Topic: IOSUD - U/ with PhD students - HISTOR' Time: Sep 13, 2021 10:: Join Zoom Meeting https://us02web.zoom. UThaZHZPUT09 Meeting ID: 852 7460 2 Passcode: 447636 26. TEOLOGIE/THEOLOGY Link: Topic: IOSUD - UAIC Intalnire students - THEOLOGY Time: Sep 13, 2021 10:15 Join Zoom Meeting https://us02web.zoom.us/j/ T09 Meeting ID: 863 6676 1681 Passcode: 186483 27. \$TIINȚA SPORTULUI S EDUCATION Link: Topic: IOSUD - UAIC Intaln EDUCAȚIEI FIZICE / Meeting EDUCATION Time: Sep 13, 2021 10:15 Join Zoom Meeting https://us02web.zoom.us/j/ WZz09 Meeting ID: 842 1480 5194 Passcode: 707051
11:30- 12:30	Activități de evaluare <i>Evaluation activities</i> IOSUD: Întâlnire online a comisiei de evaluare cu studenții doctoranzi UAIC IOSUD: Online meeting with UAIC PhD students	Comisia de evaluare IOSUD IOSUD evaluation panel - membrii comisiei de experți evaluatori IOSUD - members of IOSUD evaluation panel - studenții doctoranzi UAIC - UAIC PhD students	Înregistrare audio-video/plat Audio-video recording/ARAC Link: Topic: IOSUD - Intalnire cu st - UAIC Time: Sep 13, 2021 11:30 Join Zoom Meeting <u>https://us02web.zoom.us/j/ M0xnUT09</u> Meeting ID: 814 6885 3813 Passcode: 936989
14:00- 15:00	Întâlnire online cu membrii Comisiei de Etică a universității Online meeting with the members of the Ethics Commission	ComisiadeevaluareIOSUD/domeniiIOSUD/domain evaluation panel- toți membrii echipei de evaluare	Înregistrare audio-video/ <b>plat</b> <i>Audio-video recording/UAIC</i> <i>Florin Brinza is inviting you to</i>



Intervalul orar/(Buch arest time)	Activitate/Activity	Participanți/Participants	
		- all evaluation panel members - membrii Comisiei de Etică - Ethics Commission members	Topic: comisia evaluare si co Time: Sep 13, 2021 02:00 PM Join Zoom Meeting <u>https://us06web.zoom.us/j/8</u> <u>dz09</u> Meeting ID: 862 2318 0923 Passcode: 12345
15:15- 16:15	Activități de evaluare <i>Evaluation activities</i> <u>Domeniu</u> : Întâlnire online a comisiei de evaluare cu reprezentanți ai absolvenților domeniului <u>Domain:</u> Online meeting with graduates of the respective doctoral study domain	Comisia de evaluare domeniu Domain evaluation panel - membrii comisiei de experți evaluatori domeniu - members of domain evaluation panel - reprezentanți ai absolvenților UAIC - representatives of UAIC doctoral graduates	Înregistrare audio-video/plat Audio-video recording/UAIC Domeniu/Domain 1. BIOLOGIE/BIOLOGY https://us06web.zoc mMrQkJ0QT09 Meeting ID: 698 262 Passcode: aracisbio 2. CHIMIE/CHEMISTRY https://us06web.zoom.u 1eFZEUT09 Meeting ID: 862 6921 82 Passcode: 543659 4. GEOGRAFIE/ GEOGRAF https://us06web.zoom HNtWGF1QT09 Meeting ID: 867 6401 64 Passcode: 808849 6. ŞTIINȚA MEDIULUI/EN https://us06web.zoom. Y3RkZNQT09 Meeting ID: 821 7210 7 Passcode: 301267 7. INFORMATICĂ/INFORM https://us06web.zoom. L2E5SHhhUT09 Meeting ID: 817 0098 7 Passcode: 648823 9. DREPT/LAW https://us06web.zoom. SK3FIQT09 Meeting ID: 828 0184 8 Passcode: 365029



Intervalul orar/(Buch arest time)	Activitate/Activity	Participanți/Participants	
			10. ECONOMIE/ <i>ECONOM</i> <u>https://us06web.zoom.</u> <u>0pnQT09</u> Meeting ID: 815 9437 2 Passcode: 508007
			12. CONTABILITATE/ACC https://us06web.zoom. npDdz09 Meeting ID: 840 6211 6 Passcode: 498418
			13. CIBERNETICĂ ȘI STATI Link: Time: Sep 13, 202 Join Zoom Meeting <u>https://us06web.zoom.</u> <u>hhTkcrQT09</u> Meeting ID: 845 9346 5 Passcode: 770300
			14. INFORMATICĂ ECON https://us06web.zoom. gaDRYV1dSUT09 Meeting ID: 820 8259 9 Passcode: 132453
			16. MANAGEMENT/MAN https://us06web.zoc pzQU92UT09 Meeting ID: 854 669 Passcode: 196514
			17. MARKETING/MARKET https://us06web.zoc BanphUVFCZz09 Meeting ID: 850 698 Passcode: 301062
			18. FILOSOFIE/PHILOSOP Link: Topic: ARACIS FILOSOFIE
			Time: Sep 13, 2021 03:00 PM
			Join Zoom Meeting
			https://us06web.zoom.us/j/8 ck82dz09
			Meeting ID: 828 5167 5475



Intervalul orar/(Buch	Activitate/Activity	Participanți/Participants	
arest time)			Passcode: 681013
16:30- 17:30	Activități de evaluare Evaluation activities	Comisia de evaluare domeniu Domain evaluation panel - membrii comisiei de experți evaluatori domeniu - members of domain evaluation panel - reprezentanți ai absolvenților UAIC - representatives of UAIC doctoral graduates	Înregistrare audio-video/plat Audio-video recording/UAIC Domeniu/Domain 3. FIZICĂ/PHYSICS https://us06web.zooc 0xhYmNkQT09 Meeting ID: 814 969 Passcode: 978176 5. GEOLOGIE/GEOLOGY https://us06web.zoom.u ExQdz09 Meeting ID: 833 8499 43 Passcode: 902540 8. MATEMATICĂ/MATHS https://us06web.zoom.u WXh1Zz09 Meeting ID: 886 2507 50 Passcode: 493760 11. FINANŢE/FINANCE https://us06web.zoom.u WXh1Zz09 Meeting ID: 759 854 49 Passcode: 1234 15. ECONOMIE ŞI AFACEF AFFAIRS https://us06web.zoom. bS8vZz09 Meeting ID: 893 2781 6 Passcode: 1234 15. ECONOMIE ŞI AFACEF AFFAIRS https://us06web.zoom. enRBQT09 Meeting ID: 893 2781 6 Passcode: 869593 19. ŞTIINŢE POLITICE/POI Link: 20. ŞTIINŢE ALE COMUNI Link: 21. PSIHOLOGIE/PSYCHO https://us06web.zoom. 1JXVVJRdz09 Meeting ID: 847 2980 4 Passcode: 890370

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Intervalul orar/(Buch arest time)	Activitate/Activity	Participanți/Participants	
diest unie,			22. \$TIINTE ALE EDUCATI https://us06web.zoom. pyRXM5dz09 Meeting ID: 851 0539 0 Passcode: 581858 23. FILOLOGIE/PHILOLOG https://us06web.zoo 5Q29jTX04Zz09 Meeting ID: 898 128 Passcode: 366609 24. SOCIOLOGIE/SOCIOLOGI Time: Sep 13, 2021 04:30 P Join Zoom Meeting https://us06web.zoom.us/j/88 UT09 Meeting ID: 884 0189 7815 Passcode: 959811 25. ISTORIE/HISTORY https://us06web.zoom. wTURvQT09 Meeting ID: 857 3896 7 Passcode: 789662 26. TEOLOGIE/THEOLOGY Link: 27. \$TIINTA SPORTULUI S EDUCATION Link:
17:45- 18.45	Activități de evaluare <i>Evaluation activities</i> <u>IOSUD</u> : Întâlnire online a comisiei de evaluare cu absolvenții UAIC <u>IOSUD</u> : Online meeting with UAIC PhD graduates	Comisia de evaluare IOSUD IOSUD evaluation panel - membrii comisiei de experți evaluatori IOSUD - members of IOSUD evaluation panel - absolvenți UAIC - UAIC PhD graduates	Înregistrare audio-video/ <b>pla</b> <i>Audio-video recording/ UAI</i> <i>Florin Brinza is inviting you to</i> <i>Topic: absolventi dr UAI</i> <i>Time: Sep 13, 2021 05:30 PM</i> <i>Join Zoom Meeting</i> <i>https://us06web.zoom.us/j/8</i> <i>T09</i>

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09.45- 10.45       Activități de evaluare Evaluation activities       Comisia de evaluare domeniu Domeniu: Întâlnire online cu directorii/responsabilii centrelor/laboratoarelor de cercetare aferente domeniului de studii universitare de doctorat Domain: Online meeting with the Directors/persons in charge of the research centers/laboratories within the doctoral study domain       Comisia de evaluare domeniu Domain evaluation panel       Inregistrare audio-video/pla Audio-video recording/UAIC Domeniu/Domain         2. CHIMIE/CHEMISTRY Inters://us06web.zoom.u cercetare research centers/laboratories within the doctoral study domain       - members of domain evaluation panel       Inters://us06web.zoom.u cercetare directors of research centers/laboratories         2. CHIMIE/CHEMISTRY https://us06web.zoom centers/laboratories       - members of research centers/laboratories       2. CHIMIE/CHEMISTRY https://us06web.zoom cercetare         4. GEOGRAFIE/ CECOGRAL https://us06web.zoom       - membrii comisiei de experți evaluatori domeniu - members of research cercetare       - membrii comisiei de experți evaluatori domeniu - members of research cercetare       - CHIMIE/CHEMISTRY https://us06web.zoom cercetare         9. Additional domain       - Meeting ID: 886 037 Passcode: 618262       - STIINŢA MEDIULUI/EA https://us06web.zoom cUFE2209 Meeting ID: 835 1819 8 Passcode: 429712         9. Nicorenti domain       - Meeting ID: 835 1819 8 Passcode: 429712       - NIFORMATICĂ/INFORI https://us06web.zoom cUFE2209	Intervalul orar/(Buch arest time)	Activitate/Activity	Participanți/Participants	
09.45- 10.45 Activități de evaluare Evaluation activities Domeniu: Întâlnire online cu directorii/responsabili certrelor/laboratoarelor de cercetare aferente domeniului de studii universitare de doctorat Domain: Online meeting with the Directors/persons in chorge of the research centers/laboratories within the doctoral study domain Comisie de evaluare domeniu Domain evaluation panel - membris con domain evaluation panel - directorii centrelor/laboratoarelor de cercetare directorii the doctoral study domain Comisie de experți - membris con domain evaluation panel - directorii centrelor/laboratoarelor de circetare directoris of research centers/laboratories - Activități de evaluare domeniu - membris con domain evaluation panel - directorii centrelor/laboratoarelor cercetare directors of research centers/laboratories - Activități de evaluare domeniu - membris con domain - membris con domain evaluation panel - directorii centrelor/laboratoarelor cercetare directorii study domain - Activități de evaluare domeniu - membris con domain - membris con domain evaluation - membris con domain evaluation - membris con fesearch centers/laboratories - Activități de evaluare domeniu - membris con fesearch centers/laboratories - Activități de evaluare domeniu - membris con fesearch centers/laboratories - Activități de evaluare domeniu - membris con fesearch centers/luso6web.zoo RzzuMHRvdz09 Meeting ID: 853 0604 Passcode: 618262 - STIINȚA MEDIULUI/EN https://us06web.zoo WNILIVDhZz09 Meeting ID: 855 176 Passcode: 138741				-
10.45       Evaluation activities         Domeniu: Intâlnire online cu			Marți/Tuesday	14.09.2021
<u>https://us06web.zoom</u> FMTkydz09	arest time) 09.45-	Activități de evaluare <i>Evaluation activities</i> <u>Domeniu:</u> Întâlnire online cu directorii/responsabilii centrelor/laboratoarelor de cercetare aferente domeniului de studii universitare de doctorat <u>Domain</u> : Online meeting with the Directors/persons in charge of the research centers/laboratories within	Marți/Tuesday, Comisia de evaluare domeniu Domain evaluation panel - membrii comisiei de experți evaluatori domeniu - members of domain evaluation panel - directorii centrelor/laboratoarelor de cercetare directors of research	Passcode: 3qfk0Q14.09.2021Înregistrare audio-video/platAudio-video recording/UAICDomeniu/Domain1. BIOLOGIE/BIOLOGYhttps://us06web.zoom.uQkJ0QT09Meeting ID: 698 262 312Passcode: aracisbio2. CHIMIE/CHEMISTRYhttps://us06web.zoodZzYXhjQT09Meeting ID: 886 037Passcode: 9634634. GEOGRAFIE/ GEOGRAFhttps://us06web.zoomRzZuMHRydz09Meeting ID: 853 0604Passcode: 6182626. \$TIINȚA MEDIULUI/ENhttps://us06web.zoom.ccUFEZz09Meeting ID: 825 1819 8Passcode: 4297127. INFORMATICĂ/INFORMhttps://us06web.zoogWNIJtVDhZZz09Meeting ID: 856 176Passcode: 1387419. DREPT/LAWhttps://us06web.zoom.
				12. CONTABILITATE/ACC



Intervalul orar/(Buch arest time)	Activitate/Activity	Participanți/Participants	
			https://us06web.zoom.u bWtQQT09 Meeting ID: 833 2782 55 Passcode: 498418
			13. CIBERNETICĂ ȘI STAT <u>https://us06web.zoom</u> <u>eVdpc3ovQT09</u> Meeting ID: 861 3773 5 Passcode: 770300
			14. INFORMATICĂ ECON <u>https://us06web.zoom</u> <u>dkbzlzdz09</u> Meeting ID: 851 0409 5 Passcode: 520753
			16. MANAGEMENT/MAN https://us06web.zoom B5SUk2Zz09 Meeting ID: 827 0765 2 Passcode: 277784
			17. MARKETING/MARKET https://us06web.zoom ZUZWd4UT09 Meeting ID: 899 0131 5 Passcode: 584440
			<i>18.</i> FILOSOFIE/ <i>PHILOSOF</i> Topic: ARACIS FILOSOFIE CERCETARE/LABORATO Time: Sep 14, 2021 09:00 PM
			Join Zoom Meeting <a href="https://us06web.zoom.us/j/8">https://us06web.zoom.us/j/8</a>
			<u>G5wZz09</u> Meeting ID: 828 3101 1244 Passcode: 637996
11.00- 12.00	Activități de evaluare <i>Evaluation activities</i> <u>Domeniu:</u> Întâlnire online cu directorii/responsabilii centrelor/laboratoarelor de	Comisia de evaluare domeniu Domain evaluation panel - membrii comisiei de experți evaluatori domeniu	Înregistrare audio-video/ <b>pla</b> <i>Audio-video recording/UAIC</i> <b>Domeniu/Domain</b> 3. FIZICĂ/ <i>PHYSICS</i> <u>https://us06web.zoom.u</u> <u>TZGZz09</u>



cercetare aferente domeniului de		
studii universitare de doctorat <u>Domain</u> : Online meeting with the Directors/persons in charge of the research centers/laboratories within the doctoral study domain	- members of domain evaluation panel - directorii centrelor/laboratoarelor de cercetare directors of research centers/laboratories	Meeting ID: 891 8114 44 Passcode: 122718 5. GEOLOGIE/ <i>GEOLOGY</i> https://us06web.zoom.u VNPUT09 Meeting ID: 885 3402 08 Passcode: 385868 8. MATEMATICĂ/ <i>MATHS</i> Time: This is a recurring Join Zoom Meeting https://us06web.zoom.u QTcxZz09 Meeting ID: 851 7787 10 Passcode: 633168 11. FINANŢE/ <i>FINANCE</i> https://us06web.zoom. bS8vZz09 Meeting ID: 759 854 49 Passcode: 1234 15. ECONOMIE ŞI AFACER <i>AFFAIRS</i> https://us06web.zoom. hSG5EUT09 Meeting ID: 848 1651 8 Passcode: 405816 19. ŞTIINŢE POLITICE/ <i>POL</i> 20. ŞTIINŢE POLITICE/ <i>POL</i> 20. ŞTIINŢE ALE COMUNI Link: 21. PSIHOLOGIE/PSYCHO https://us06web.zoom. 10xTEIQUT09
		https://us06web.zoom.
		22. ŞTIINȚE ALE EDUCAȚI <u>https://us06web.zoom.</u> 81RXJIQT09 Meeting ID: 882 8618 5 Passcode: 886196

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	ARACIS

Intervalul orar/(Buch arest time)	Activitate/Activity	Participanți/Participants	
			23. FILOLOGIE/PHILOLOG https://us06web.zoom. <u>9CbTBmZz09</u> Meeting ID: 828 3648 2 Passcode: 943140
			24. SOCIOLOGIE/SOCIOLO https://us06web.zoc 2UEpVRIp2UT09 Meeting ID: 835 904 Passcode: 372778
			25. ISTORIE/HISTORY https://us06web.zoom. MTjI3UT09 Meeting ID: 867 1613 6 Passcode: 860470
			26. TEOLOGIE/ <i>THEOLOG</i> Y Link:
			27. ȘTIINȚA SPORTULUI S <i>EDUCATION</i> Link:
12.15- 13.15	Activități de evaluare Evaluation activities	Comisia de evaluare IOSUD IOSUD evaluation panel	Înregistrare audio-video/ <b>pla</b> Audio-video recording/ UAI Florin Brinza is inviting you to
	IOSUD: Întâlnire online cu directorii/responsabilii centrelor/laboratoarelor de cercetare aferente IOSUD	- directorii centrelor/ laboratoarelor de cercetare directors of research	Topic: directori centre si labo Time: Sep 14, 2021 12:00 PM
	<u>IOSUD</u> : Online meeting with the Directors/persons in charge of the research centers/laboratories within IOSUD	centers/laboratories	Join Zoom Meeting https://us06web.zoom.us/j/& h0UT09
			Meeting ID: 896 7100 3359 Passcode: 3qfk0Q
14:15- 15:15	Activități de evaluare <i>Evaluation activities</i>	Comisia de evaluare IOSUD IOSUD evaluation panel	Înregistrare audio-video/ <b>plat</b> Audio-video recording/UAIC Florin Brinza is inviting you t
	IOSUD: Întâlnire cu membrii Consiliului Studiilor Universitare de Doctorat al IOSUD IOSUD: Online meeting with Doctoral	<ul> <li>membrii comisiei de experţi</li> <li>evaluatori IOSUD</li> <li>members of IOSUD evaluation</li> <li>panel</li> </ul>	Topic: membrii CSUD Time: Sep 14, 2021 02:00 PM
	University Studies Council (CSUD) members	- membrii CSUD - CSUD's members	Join Zoom Meeting

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Intervalul orar/(Buch arest time)	Activitate/Activity	Participanți/Participants	
,			https://us06web.zoom.us/j/ z09
			Meeting ID: 852 7866 3553 Passcode: 3qfk0Q
15.30- 16.30	Activități de evaluare <i>Evaluation activities</i> Întâlnire online cu membrii Comisiei	Comisia de evaluare IOSUD IOSUD evaluation panel - toți membrii echipei de evaluare - all evaluation panel members	Înregistrare audio-video/ <b>plat</b> <i>Audio-video recording/UAIC</i> Florin Brinza is inviting you t
	pentru Evaluarea și Asigurarea Calității (CEAC)/Departamentul de asigurare a calității	- reprezentanți ai CEAC/Departament AC	Topic: comisia CEAC si BMC Time: Sep 14, 2021 03:30 PM
	Online meeting with the Commission for Quality Evaluation and Assurance (CEAC) members/Quality Assurance Department	- representatives of Commission for Quality Evaluation and Assurance (CEAC)/Quality Assurance Department	Join Zoom Meeting https://us06web.zoom.us/j/ ks5QT09
			Meeting ID: 815 1179 5424 Passcode: 3qfk0Q
17:00- 18:00	Activități de evaluare <i>Evaluation activities</i> <u>IOSUD and Domain:</u> Întâlnire online a	Comisia de evaluare IOSUD IOSUD evaluation panel - toți membrii echipei de evaluare - all evaluation panel members	Înregistrare audio-video/ <b>plat</b> <i>Audio-video recording/UAIC</i> Florin Brinza is inviting you t
	comisiei de evaluare cu reprezentanți ai angajatorilor absolvenților IOSUD UAIC	- reprezentanți ai angajatorilor absolvenților IOSUD UAIC	Topic: angajatori absolventi Time: Sep 14, 2021 05:00 PM
	<u>IOSUD and Domain:</u> Online meeting with employers of UAIC doctoral graduates	- employers' representatives of IOSUD -UAIC doctoral graduates	Join Zoom Meeting https://us06web.zoom.us/j/ J3dz09
			Meeting ID: 869 9612 5190 Passcode: 3qfk0Q
		Miercuri/Wednesday, 15.09.2021	
10:30- 18:00	Reuniuni de lucru față în față <sup>9</sup> , vizitarea bazei materiale didactice și de cercetare Face-to-face working meetings, visiting the educational and research	<ul> <li>coordonatorii comisiilor de evaluare a domeniilor de doctorat</li> <li>the Evaluation Director and the coordinator of the IOSUD evaluation panel, PhD student</li> </ul>	Vizită UAIC <i>Site visit to UAIC</i>
	infrastructure	expert IOSUD, the evaluators at doctoral study domain level - reprezentanți ai UAIC - UAIC's representatives	

<sup>&</sup>lt;sup>9</sup> Experții evaluatori la nivelul domeniilor de studii universitare de doctorat pot stabili independent programul vizitei la fața locului, de comun acord cu persoana de contact de la domeniul evaluat și respectând programul întâlnirilor comune cu restul membrilor echipei de evaluare. *The evaluators at doctoral study domain level can independently establish the program of the on-site visit, in agreement with the contact person for the evaluated domain and respecting the schedule of joint meetings with the rest of the evaluation panel members.* 



Intervalul orar/(Buch arest time)	Activitate/Activity	Participanți/Participants	
Vineri/ <i>Friday</i> , 1			
09:00- 10:00	Finalizarea documentelor Completion of the evaluation documents	Comisia de evaluare IOSUD IOSUD evaluation panel	Se lucrează separat. <sup>3</sup> Independent evaluation activ
		<ul> <li>la nivel de IOSUD</li> <li>at IOSUD level</li> <li>la nivel de domenii de doctorat</li> <li>at doctoral study domain level</li> </ul>	
10:00-	Întâlnire online pentru concluzii	Comisia de evaluare IOSUD	Înregistrare audio-video/ <b>pla</b> t
11:00	Online meeting for conclusions	IOSUD evaluation panel - toți membrii echipei de evaluare - all evaluation panel members	Audio-video recording/ARA( Link: Topic: IOSUD - UAIC Intalnire Time: Sep 17, 2021 10:00 Join Zoom Meeting https://us02web.zoom.us/j/ 2Zz09 Meeting ID: 874 8952 9771 Passcode: 399416
12:00-	Întâlnire finală online în vederea	Comisia de evaluare IOSUD	Înregistrare audio-video/ <b>plat</b>
13:00	prezentării principalelor constatări rezultate în urma evaluării IOSUD și a recomandărilor de îmbunătățire a calității Meeting with representatives of the institution under review to discuss on the conclusions of the evaluation process and the main reccomandations	IOSUD evaluation panel - toți membrii echipei de evaluare - all evaluation panel members - reprezentanții UAIC - UAIC's representatives	Audio-video recording/UAIC Florin Brinza is inviting you to Topic: intilnire finala Time: Sep 17, 2021 12:00 PM Join Zoom Meeting <u>https://us06web.zoom.us/j/&amp;</u> <u>hxZz09</u> Meeting ID: 891 1721 9674 Passcode: 3qfk0Q

Prof. univ. dr. Nicoleta CORBU Director de misiune Prof. univ. dr. Tudorel TOADER Rector