



Decisions of the Council of the Doctoral School of Applied Informatics and Applied Mathematics

Decision No. 188

Decision No. 188/1.: On 10 April 2024, the AIAMDI Admission Committee held the interview with the students applying for the first semester of the academic year 2024/2025 under the Stipendium Hungaricum scholarship. The AIAMDI DIT accepts the ranking as set out in the admission protocol and proposes the admission of the following students in the following order:

1. Jamil Rateb Alzghoul
2. Iman El Nouri
3. Akash Sivaraman
4. Adina Chotbaeva
5. Ahmed Hadi Mohammed Aboamemah
6. Abdalislam Ahmed Al-romimah

Notice:

The admission of Iman El Nouri is conditional upon the presentation of a diploma with at least good grades.

Decision No. 188/2. In a letter to the Head of AIAMDI, Dr. Mihály Szilárd Avornicului applied for the naturalisation of his PhD thesis "Internet Data Mining". He obtained his PhD degree from the Babeş - Bolyai University of Cluj in 2009. To formulate the DIT opinion, the DIT proposes to invite two experts who are both experts in the field of computer science and have a good knowledge of the Romanian language in which the original thesis was written. On the basis of an informal preliminary consultation, the DIT President proposes to invite the following two experts to provide an opinion:¹.

Prof.Dr.habil. Szilágyi László egyetemi tanár

https://doktori.hu/index.php?menuid=192&lang=HU&sz_ID=10599

artificial intelligence, signal and image processing, machine vision, biological systems modelling, bioinformatics, data mining, fuzzy logic

Habilitáció: 2017, mathematics and computer sciences, Babes-Bolyai Tudományegyetem, Kolozsvár; PhD: 2009, electrical engineering sciences, Budapesti Műszaki és Gazdaságtudományi Egyetem

Dr.habil. Oniga István egyetemi docens

https://doktori.hu/index.php?menuid=192&lang=HU&sz_ID=19249

The idea came from Professor László Pokorádi, who has worked in a committee with István Oniga. In order

¹Naturalisation of a foreign academic degree

38. §

(1) The University may naturalise an academic degree certified by a foreign document in the field of science or discipline in which it is entitled to provide doctoral training and award doctoral degrees.

(2) The University shall naturalise an academic degree obtained abroad as a doctoral degree (PhD or DLA) if

a) it was awarded by a foreign educational institution which is entitled to award a scientific degree under the legal system of the foreign state, and

b) the requirements for the award of the scientific degree meet or, by imposing additional conditions, may be met by the requirements for the award of the doctoral (PhD or DLA) degree provided for by the legislation in force and these Regulations.



to move forward more quickly, I sent a request for information to Dr. habil. István Oniga. If I receive a positive response and the DIT supports the proposal, we can move forward. If not, we will remove this decision point from the final decision and I will continue to look for a suitable expert.

The relevant annexes are available at the link below:

<https://drive.google.com/drive/folders/1hjbp4QgXKrz7WYG1TScCe6HJJgnFOTQI?usp=sharing>

Decision No. 188/3.: The AIAMDI DIT supports the application of Zsolt József Bringye, who, citing serious family problems, requests to be allowed to passivate the second (spring) semester of the academic year 2023/24. We hope that his situation can be stabilised during the semester.

Decision No. 188/4.: The AIAMDI DIT supports the joint application of Tibor László Gergely PhD student and Dr. Zoltán Tóth, supervisor of the topic, in which they request the postponement of the submission of the doctoral dissertation and the final deadline for the start of the degree procedure to 31.12.2024. The measures required in the MAB-led ESG-based accreditation to "reduce attrition" are a sensible version of the measures required to ensure that the work and energy already invested in research is not lost for formal reasons.

Decision No. 188/5.: The AIAMDI DIT supports the initiation of the PhD thesis of László Somlyai on "Real-time mapping of the mobile robot environment" and, based on preliminary discussions, proposes the following committees to the MTTDHT²:

Workshop debate:

Internal opponent: Prof.Dr.habil. Galambos Péter, ÓE

External opponent: Dr. Pletl Szilveszter, Szegedi Tudomány Egyetem

Final open debate:

1. **Chair:** Prof. Dr. Galántai Aurél DSc, ÓE

2. **Secretary:** Dr. Katona József egyetemi docens, ÓE

3. **External opponent:** Dr. Pletl Szilveszter, Szegedi Tudomány Egyetem

4. **Internal opponent:** Prof.Dr.habil. Szénási Sándor, ÓE

5. **External member:** Prof.Dr.habil. Fullér Róbert, Széchenyi István Egyetem

6. **Internal member:** Prof.Dr.habil. Takács Márta, ÓE

7. **Internal member:** Prof.Em.Dr. Sima Dezső DSc, ÓE

Reserves:

Reserve chair: Dr.habil. Tar József DSc, ÓE

Reserve secretary: Dr. Kertész Gábor, ÓE

Reserve opponent: Dr. habil. Laufer Edit, ÓE

²Public discussion of the doctoral thesis (defence)

31. §

(3) The examination committee shall consist of at least 5 and no more than 7 members, comprising a chairperson, two official examiners, a secretary and 1-3 additional members. The chairperson of the committee shall be a professor or Professor Emeritus of the University. When appointing the jury, 3 reserve members shall be nominated, including persons who may be asked to replace the chairperson and the secretary, and at least one possible substitute.

(4) The members and alternates of the committee must hold an academic degree. One of the two official referees and at least one of the other members of the evaluation committee shall not be employed by the University. No more than one of the official referees may be the same as the person who is the first referee in the workplace dispute. The official external referee must be a foreign national for students admitted after 1 January 2024.



The proposed members have no verified joint publication with László Somlyai.

László Somlyai's file is available at the link below:

<https://drive.google.com/drive/folders/1AR6IYacFUypClB8SPWj0aKqjzX8LRl6k?usp=sharing>

Decision No. 188/6.: As a result of the AIAMDI accreditation procedure, the document "Report of the Visiting Committee of the University of Óbuda Doctoral School of Applied Informatics and Applied Mathematics MAB code: D200 Report of the Visiting Committee involved in the accreditation procedure -- Annex to the Decision No 2024/2/X/1/1 of the MAB Board of 23 February 2024", document "I.2 Conditions of the monitoring procedure", threatened the DI with the withdrawal of accreditation if certain requirements were not met, specifically in "ESG 1.2 and 1.9 In the area of training programmes", it stipulated that

„• There is a need to standardise some of the training and output requirements, in particular soft skills, at credit level. The current practice is for the subject leader and the student to jointly determine the subjects to be taken by the student, which may imply a lack of a minimum common denominator of output competences. The acquisition of a standardised minimum competence should be defined (e.g. by fixing ¼ of the number of credits), especially in the area of soft skills.”

In the current curriculum of the DI, which is very diverse and at the cutting edge of international research, this condition is difficult to meet, as it was assumed that doctoral candidates had already acquired "soft skills" through their BSc and MSc degrees, and the domestic tradition was that the aim of doctoral training was strictly individual, to produce new research results, positively reviewed in international journals, in rather specific and narrow professional niches.

A further difficulty would be that a subject meeting the criteria of "the acquisition of a standardised minimum competence (e.g. in the form of ¼ of the number of credits), especially in the area of soft skills" would have to be taken by each student, placing a disproportionate burden on its lecturer, while DIT has also been criticised for not being evenly staffed by lecturers and subject leaders.

For the current semester (2023-2024, spring semester II), the problem could be solved if the DIT would require all currently active PhD students of AIAMDI (who have not yet obtained their absolutory) to attend the international seminar "Emerging Technologies in Cyber-Physical Systems - A Global Seminar Series", with the DI director taking responsibility for the evaluation of the results.

In line with the current practice (one subject is 20 lessons and 8 credits), in the 12 weeks \times (2 \times 45 min)=12 weeks \times 2 hours = 24 hours system, 8 credits can be given for this. According to the current regulations "Minimum number of credits to be earned of study credits is" 32, consequently in this semester we could meet the MAB requirement with $32/4=8$ credits. The material is precisely focused on general literacy skills and "soft skills". (There will probably be a similar seminar in future semesters that will serve such a purpose, and should be taken by newer entrants.)

I suggest that this material should not be allowed to be included in complex exams, precisely because of its generic nature, where it would be necessary to have the expertise to match the specific research.

Annexes:

Felveteli beszelgetes_2024_aprilis_10_jkv_FB_utan.pdf

kerveny-Bringye-24apr.pdf

László Gergely Kérvény 2024.pdf

Emerging Technologies in Cyber-Physical Systems - A Global Seminar Series.pdf



ÓBUDAI EGYETEM
ÓBUDA UNIVERSITY

Alkalmazott Informatikai és Alkalmazott Matematikai
Doktori Iskola

Budapest, 2 May 2024

Prof.Dr. József K. Tar
Chair of the Doctoral Council

Prof.Dr. Gyula Simon
Vice Chair of the Doctoral Council