



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

Decision No. 197

Decision No. 197.: The Council of the Doctoral School of Applied Informatics and Applied Mathematics recommends to the MTTDHT for approval the new research topic announcements below:¹

197.1: "The autonomous cultural landscape. Investigation of brownfield areas of small settlements,

¹**DOCTORAL AND HABILITATION REGULATION OF THE UNIVERSITY OF ÓBUDA Budapest, 2023 (Version 11, in force from 19 September 2023, consolidated with the amendments)**

Lecturers, topic writers and supervisors of the doctoral school

12. §

(2) A doctoral topic is a research area which is suitable for the doctoral student, under the guidance of the supervisor, to master the application of scientific methods, to obtain valuable scientific results and to provide evidence of this in the form of scientific publications, scientific lectures and a doctoral thesis. The doctoral thesis is approved by the Council of the Doctoral School (Article 13(1) of Decree No 387/2012 Coll.)

(3) A doctoral thesis shall be published by a lecturer or researcher with a scientific degree whose thesis has been approved by the Council of the Doctoral School (Article 13 (4), § 387/2012 Coll.)

(4) The supervisor of a doctoral topic shall be a lecturer or researcher with an academic degree whose topic announcement has been approved by the doctoral school council and who, on this basis, responsibly directs and assists the studies and research work of the doctoral student working on the topic and the preparation of the doctoral student for the award of a doctoral degree (Article 13 (5) of the Act No. 387/2012 Coll.).

III. RULES FOR DOCTORAL TRAINING AND THE AWARD OF DOCTORATES

Organisational framework for doctoral training and doctoral studies

The University Doctoral and Habilitation Council

6. §

(1) Pursuant to § 9 (2) and § 22 of Act No. 387/2012 Coll:

d) may, pursuant to Section 16 (5) of the Nftv., establish a doctoral council for each discipline (hereinafter jointly referred to as the "discipline doctoral council"), in accordance with the provisions on composition and personnel conditions set out in paragraph (1) (Section 9 (2) (d) of Act No. 87/2012 Coll;)

f) appoints the members of the doctoral admission committee, the members of the evaluation committee and the official evaluators, establishes the complex examination committee, and approves the persons of the doctoral topic leaders and the lecturers of the doctoral school, as provided for in the doctoral regulations, on the proposal of the doctoral schools, which powers may be delegated to the Disciplinary Doctoral Council (Article 9(2)(f) of the Decree No. 87/2012 Coll;)

Council for Doctoral Studies and Habilitations in Science and Natural Sciences



land use analysis with analytical and digital tools, support of landscape and settlement planning with AI-based simulation modelling", thesis author : Dr. Anthony Gall PhD.

197.2.: "The influence of Italian modern architecture and design on Hungarian aspirations. Comparative analysis using digital tools" by Dr. Rudolf Klein DSc.

197.3.: "Artificial intelligence in the field of architectural perception: an experimental analysis of Hungarian architecture between the two world wars", thesis author: Dr. Rudolf Klein DSc.

197.4.: "Improving the comfort of urban public spaces through the design of urban 'cold islands' and urban passive ventilation systems", topic authors: Dr. István Kistelegdi PhD, Dr. Viktória Sugár PhD

197.5.: "Development of an energy-optimized and environment-adaptive shape-changing building design method supported by generative artificial intelligence", thesis author: Dr. István Kistelegdi PhD.

197.6.: "Active consumers, prosumers in residential, commercial and public buildings", by Dr. Attila Talamon PhD, Dr. Viktória Sugár.

197.7.: "The infocommunication tools of "smart" city building and the role and rise of artificial

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6/A. §

(1) The Senate of the University shall, on the basis of the opinion of the President of the EDHT and the doctoral schools concerned, establish a Doctoral and Postdoctoral Council for Science and Technology (hereinafter referred to as MTTDHT) for the doctoral schools in the fields of engineering and natural sciences.

(3) The MTTDHT shall have the powers specified in Article 6(1)(e), (f), (h), (l) and (m) of these Regulations, as delegated by the EDHT, except for the determination of language requirements, the award, naturalisation and revocation of doctoral degrees, and the award and revocation of habilitated doctoral degrees.

(4) Pursuant to Article 10(2) of Decree No 387/2012 Coll., the Council of the Doctoral School shall have the right to decide on the persons of the authors, supervisors and lecturers of the doctoral school.

D5) Rules of compliance of staff and subject leaders

D5/B. Conditions for doctoral supervisors

((7) A doctoral supervisor shall be a person who

(a) holds an academic degree;

(b) has 5 articles published in the ODT database in the last 5 years and 5 additional articles in the relevant discipline which meet the publication criteria set out in Part D5/C, paragraphs 9 to 10;

c) undertake to update the list in point b) on a regular basis and on a yearly basis.

(8) The conditions in paragraph (7)(b) and (c) will be regularly monitored by the DI.



intelligence in urban planning", by Dr. Viktória Sugár.

197.8.: "Manipulation of natural and artificial resonances in the built environment", thesis author:
Dr. Viktória Finta PhD

The topic descriptions are attached to the proposed decision. The eligibility of the topic writers is supported by the following material²:

- Dr. Anthony John Gall ODT személyi adatlapja szerint felvehető az AIAMDI témakiírói közé;
- Dr. Rudolf Klein ODT's personal data sheet shows only 4 publications from the last 5 years (2023, 2022, 2021, 2020, 2019) starting from 2021, but "Data verified: 29 XI 2023". In MTMT2 at "<https://m2.mtmt.hu/gui2/?type=authors&mode=browse&sel=authors10024441>" - Rudolf Klein (Building Structures) - there are more recent publications that satisfy the publication criteria, e.g.

Architectural Modernism: A Precursor of Cultural Globalisation? / Rudolf Klein // Уметност и наука у примени: искуство и визија = Art and Science Applied: Experience and Vision / [ed. Весна Круљац, Бојан Јокић]. - ISBN 978-86-80245-44-7. - Vol. 2 (2022), p. 17–37.

A feledés ellenében –Eltűnt zsidó közösségek újjászületett zsinagógái a Kárpát-medencében – Klein, Rudolf (2022) A feledés ellenében –Eltűnt zsidó közösségek újjászületett zsinagógái a Kárpát-medencében. TARGUM : INTERPRETÁCIÓ - KOMMENTÁR - DISKURZUS, 1 (1). pp. 91-132. ISSN 2939-5976

- Dr. István Kistelegdi ODT's personal data sheet shows that he amply satisfies all the conditions.
- Dr. Viktória Sugár ODT's personal data sheet shows that she meets all the requirements.
- Dr. Attila Talamon ODT ODT's personal data sheet shows that he or she amply satisfies all the conditions.
- Dr. Viktória Finta is not listed in the ODT database, but in the MIMT2 system she has a strong publication activity under the title "Viktória Finta (physics)" and her publication activity in the last 5 years is also amply satisfactory according to the file "Viktória Finta (physics) (MTMT) list.pdf".

Attachments:

Temakiirasok final AIAMDI.pdf
Gall Anthony - ODT Személyi adatlap.pdf
Klein Rudolf - ODT Személyi adatlap.pdf
ifj. Kistelegdi István - ODT Személyi adatlap.pdf
Sugár Viktória - ODT Személyi adatlap.pdf

²For subject authors who are not yet registered in AIAMDI as instructors, the requirements of the Regulations "b) have 5 articles published in the ODT database in the last 5 years and 5 additional articles in the relevant discipline that meet the publication criteria set out in paragraphs 9 to 10 of Part D5/C" can be replaced by the sub-check of the data in the MTMT2 database to verify that the publication criteria are met.



ÓBUDAI EGYETEM
ÓBUDA UNIVERSITY

Alkalmazott Informatikai és Alkalmazott Matematikai
Doktori Iskola

Talamon Attila - ODT Személyi adatlap.pdf
Finta Viktória (fizika) (MTMT) táblázat.pdf
Finta Viktória (fizika) (MTMT) lista.pdf

Budapest, 17 August 2024

Prof.Dr. József Tar
Chair of the Doctoral Council

Prof. Dr. Gyula Simon
Vce-Chair of the Doctoral Council