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

Resolution No 192

Decision No 192/1: The Council of the Doctoral School of Applied Informatics and Applied Mathematics, on the recommendation of the AIAMDI Admissions Committee, proposes the admission of the following students as follows:

For organized scholarship training in the following order:
1. Milán Balázs (thesis supervisor: Dr. György Eigner; thesis: High-Availability and Artificial Intelligence Ready Parallel-Distributed Research Framework: Methodology, Implementation, and Inter-disciplinary Integration Based on Academic Needs)
2. Roxána Patakvölgyi Vivien (supervisors: Dr. Dániel Drexler, Dr. László Szilágyi; thesis: Automated Analysis of Life Science Processes using Soft Computing Methods in Medical Image Processing)
3. Sándor Tarsoly (supervisor: Dr. Péter Galambos; topic: New machine intelligence-based tools for precision mushroom cultivation)
4. Süli Patrik (Thesis Supervisor: Dr. György Eigner; Topic: Bridging Advanced AI, Cyber-security, and High-Performance Solutions in Distributed Computing)
5. Juhász Laura (thesis supervisor: Dr. Garai-Fodor Mónika, Dr. György Eigner; topic: The Impact of AI Technologies on SEM / SEO and User Search Behavior Understanding Ranking Factors and Search Engines)
6. László Tóth (supervisor: Dr. Zsolt Csaba Johanyák; topic: Artificial Intelligence Techniques in Quality Risk Assessment and Management in the Software Development Process)
7. Kis Gerlinda Boglárka (supervisor: Dr. Levente Kovács, Dr. László Szilágyi; topic: Development and application of deep learning decision support algorithms in medical diagnostics)

Note:
Milán Balázs's admission is conditional upon presentation of an MSc degree with at least good grades!

Laura Juhász's admission is conditional at least until the presentation of a document certifying her language proficiency!

The admission of Boglárka Kis Gerlinda is conditional upon the presentation of an MSc degree of at least excellent grade!

For organised fee-paying training:
1. Christoph Gritsch (supervisors: Dr. Andrea Tick, Dr. Philipp Rosenberger; topic: Optimized Processing Approach for the Inegration of Unstructured Text in NLP Networks)
2. Lajos Olcsák (supervisor: Dr. Anna Bánáti-Baumann, Dr. Rita Fleiner; topic: Analysis of attack graphs and their application to the optimization of cyber defence solutions)

Comment:

The admission of Christoph Gritsch is conditional upon presentation of an MSc degree with at least good standing.

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For individual training in the following order:

1. Mohammad Amin Rezaei (Supervisor: Dr. Imre Felde, Dr. Amir Mosavi; Thesis: Implementation of Real-Time Deep Learning Approaches for Reliability Forecasting and Analog Fault Detection Technique in Multilevel Inverter)
2. Sina Faizollahzadeh Ardabili (Supervisor: Dr. Imre Felde, Dr. Amir Mosavi; Topic: Proposing an Evaluation Metrics for Deep Learning Methods used Energy Systems)

Resolution 192/2: The Council of the Doctoral School of Applied Informatics and Applied Mathematics supports the start of the habilitation process of Gábor Csiszár and proposes the following committee members to the MTTDHT based on the preliminary informal discussions:

Expert Evaluation Committee (including the Habitus Examination Committee)

1. SzBB (and HVB) President: Prof.em.Dr.habil. Imre Rudas DSc, ÓE

> **Prof.em.Dr.habil Imre Rudas DSc**
> **Professor Emeritus, Chairman of the Steering Committee of the University Research and Innovation Centre**
> **University of Óbuda,**
> **University Research and Innovation Centre**
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2. HVB external member: Prof.Dr.habil. Miklós Kuczmann DSc, Széchenyi István University, Győr.

> **Prof.Dr.habil. Miklós Kuczmann DSc**
> **Head of the Doctoral School**
> **Széchenyi István University, Győr**
> **Multidisciplinary Doctoral School of Engineering**
> **Faculty of Mechanical, Computer and Electrical Engineering**
> **Department of Automation**
> **E-mail: kuczmann@sze.hu**

3. HVB internal member: Prof.Dr.habil. Márta Takács ÓE

> **Prof.Dr.habil. Márta Takács**
> **Professor**
> **Óbuda University**
> **János Neumann Faculty of Computer Science**
> **Institute of Applied Mathematics**
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4. SzBB Secretary: Dr.habil. Rita Fleiner Associate Professor, ÓE

> **Dr.habil. Rita Fleiner habilit.**
> **Associate Professor, Director of the Institute**
> **Dr. Fleira Rita, Head of Department, Faculty of Computer Science, ÓE,**

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5. SzBB internal member: Sándor Szénási, ÓE
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6. SzBB external member: Csaba Benedek DScof HAS
    Csaba Benedek PhD of HAS DSc.
    Deputy Director
    HUNRENSzTAKI
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Reserves:

Reserve Chairman: Prof.em.Dr.habil. László Horváth , ÓE

Reseve secretary: **Sájevicsné Dr.habil. Johanna Sápi, ÓE**

The materials of Gábor Csiszár can be found at the following link:

    https://drive.google.com/drive/folders/1xLIYbKzJB0MinUPbYUt0FwXhdYE16GIP?usp=sharing

The file "Requirements.pdf" contains the results of the self-audit on educational and public activities.

Budapest, 17 July 2024.

      Dr. Tar József   Dr. Simon Gyula
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a Doktori Iskola Tanácsának elnöke   a Doktori Iskola Tanácsának alelnöke

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