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

Decision No 224.

Resolution No. 224/1: On 24 April 2026, the Admissions Committee of the Doctoral School of Applied Informatics and Applied Mathematics held the admission interview for the first semester of the academic year 2026/2027 with those applicants of the Stipendium Hungaricum Scholarship who ranked the Doctoral School as their second choice. The Council of the Doctoral School of Applied Informatics and Applied Mathematics accepts the ranking of the applicants established in the admission record and proposes the admission of the following students in the following order:

1. Kristina Ivanova
2. Majd Saleh Almohsen
3. Francis Mutuku Nzomo

Comments:
The admission of Kristina Ivanova is conditional until the presentation of an MSc degree with an at least "good" qualification.

Resolution No. 224/2: In connection with the doctoral degree procedure of PhD student Dániel Kiss, the Council of the Doctoral School of Applied Informatics and Applied Mathematics appoints **Prof. Dr Miklós Kozlovszky**, university professor, as the internal reviewer for the public defense in place of Prof. Dr Tamás Ferenci, as the candidate has in the meantime co-authored a publication with Prof. Dr Ferenci.

Resolution No. 224/3: The Council of the Doctoral School of Applied Informatics and Applied Mathematics approves the research topic „Privacy-Preserving Federated AI Orchestration for Medical Cyber-Physical Systems at the Edge-Cloud Continuum” to be announced under the joint supervision of Prof. Dr. György Eigner and Dr. Eszter Balázsné Kail.

Resolution No. 224/4: The Council of the Doctoral School of Applied Informatics and Applied Mathematics approves the research topic "Development of Intelligent Training Optimization and Decision Support Systems Based on Integrated Physiological Monitoring and Local Bioimpedance Measurements" to be announced under the supervision of Dr. Zoltán Ákos Vizvári.

Resolution No. 224/5: The Council of the Doctoral School of Applied Informatics and Applied Mathematics approves the research topic "Investigation of the Susceptibility of the PTP (IEEE 1588) Time Synchronization Protocol to Interference and AI-Based Fault Prediction in IEC 61850 Digital Substations" to be announced under the supervision of Dr. Anna Vörösné Bánáti-Baumann.

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Resolution No. 224/6: The Council of the Doctoral School of Applied Informatics and Applied Mathematics approves the research topic „Clique Search in Graphs with Artificial Intelligence Support" to be announced under the joint supervision of Dr. habil Gábor Kertész and Dr. Bogdán Zaválnij and simultaneously appoints Dr Bogdán Zaválnij as a new supervisor.

Resolution No. 224/7: The Council of the Doctoral School of Applied Informatics and Applied Mathematics approves the research topic „Novel Methods for Real-Time Critical Connected Vehicles and Intent Based Service Management" to be announced under the joint supervision of Dr. Eszter Balázsné Kail and Dr. Szabolcs Baják and simultaneously appoints Dr Szabolcs Baják as a new supervisor.

Resolution No. 224/8: The Council of the Doctoral School of Applied Informatics and Applied Mathematics approves the research topic „Autonomous Network Digital Twin based service management and QoE enforcement in wireless communications" to be announced under the joint supervision of Dr. Eszter Balázsné Kail and Dr. Szabolcs Baják.

Resolution No. 224/9: The Council of the Doctoral School of Applied Informatics and Applied Mathematics approves the subject entitled "Advanced Digital Image Processing" proposed by Dr. Mehdi Taassori and announces it to doctoral students as a new core subject starting from the next semester; at the same time, the Council appoints Dr Mehdi Taassori as an instructor of the Doctoral School.

Resolution No. 224/10: The Council of the Doctoral School of Applied Informatics and Applied Mathematics issues the pre-degree certificate (absolutorium), confirming the completion of all required credits for the doctoral degree to Ioan Marius Pisak-Lukáts as detailed below:

Name	Course Credits	Teaching Credits	End-of-Semester Report Credits	Research Project Credits	Publication Credits	Overall Credits
Ioan Marius Pisak-Lukáts	40	30	92	15	81	258

Budapest, 29 May 2026

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