

Doctoral Vacancy Announcement form

Research Topic Title:		MRI based Brain Lesions Segmentation, Mapping and Analysis for diagnosis and monitoring the multiple sclerosis disease
No. of Openings:	1	
Description:	<p>Magnetic Resonance Imaging (MRI) is one of the main imaging techniques in the diagnosis and monitoring of the multiple sclerosis (MS) disease, providing non-invasive, high-resolution insights into brain structure, neurological disease progression, follow-up, prediction of its course and its function. This PhD will focus on advancing MRI-based brain mapping techniques to improve the diagnosis and longitudinal monitoring of the MS disease. Application will be done for segmenting a series of brain MS images taken at different timepoints as well as at different other brain tumours. The study will focus on anatomical brain maps and will try to characterize the appearance of the abnormalities presented by these disorders and predict the disease progression.</p> <p>A key objective of the research is the development of quantitative imaging biomarkers that can serve as reliable indicators of disease prognosis, evaluation, progression, and therapeutic response. Using state-of-the-art machine learning algorithms, the project aims to automate the segmentation of lesions and other pathological features, offering clinicians a robust tool for prognosis, early diagnosis, monitor the evolution of the disease to help with treatment planning. The goal will be the development of a system which can eventually be used in daily clinical practice.</p> <p>The candidate(s) must have good programming skills mainly in Python language</p>	
Funding:	Not available	
Required Qualifications:	Degree in Computer Science/Engineering Electrical Engineering, or biomedical engineering	
Research Advisor:		
Name/Surname:	Efthymoulos Kyriacou	
Position:	Assistant Professor	
Email:	efthymoulos.kyriacou@cut.ac.cy	

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Research Topic Title:		3D Texture analysis of MRI images for monitoring multiple sclerosis patients	
No. of Openings:	1		
Description:	<p>Magnetic Resonance Imaging (MRI) is one of the main imaging techniques in the diagnosis and monitoring of the multiple sclerosis (MS) disease, providing non-invasive, high-resolution insights into brain structure, neurological disease progression, follow-up, prediction of its course and its function. This PhD will focus on advanced 3D texture analysis techniques on MRI data to develop novel imaging biomarkers that enhance our understanding of MS pathology.</p> <p>The research will focus on creating robust algorithms for extracting and quantifying texture features from multi-modal MRI scans of MS patients. By correlating these texture metrics with clinical assessments and disease progression markers, the project seeks to establish a new framework for evaluating MS severity and treatment response. Using state-of-the-art machine learning algorithms, the project aims to the characterisation of lesions, and other pathological features, offering clinicians a robust tool for prognosis, early diagnosis, monitor the evolution of the disease to help with treatment planning. The goal will be the development of a system which can eventually be used in daily clinical practice.</p> <p>The candidate(s) must have good programming skills mainly in Python language.</p>		
Funding:		Not available	
Required Qualifications:		Degree in Computer Science/Engineering Electrical Engineering, or biomedical engineering	
Research Advisor:			
Name/Surname:		Efthymoulos Kyriacou	
Position:		Assistant Professor	
Email:		efthymoulos.kyriacou@cut.ac.cy	

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Research Topic Title:		Ultrasound Video Analysis of Carotid Artery Texture Variability Throughout the Cardiac Cycle: Implications for Stroke Risk Stratification
No. of Openings:	1	
Description:	<p>Stroke is a leading cause of disability worldwide, with carotid artery disease being a significant contributor to this risk. This PhD project aims to monitor texture variability of carotid plaques throughout the cardiac cycle using advanced ultrasound imaging techniques for the stratification of the risk of stroke. The research will focus on quantifying texture features of carotid plaques and assessing how these features change dynamically during different phases of the cardiac cycle, by analysing ultrasound video data.</p> <p>The candidate will employ real-time video analysis to capture the mechanical forces acting on plaques and monitor the changes. A particular emphasis will be placed on understanding how texture variability correlates with plaque stability, morphology, and ultimately, stroke risk. In addition, the project will incorporate artificial intelligence and deep learning methodologies to develop predictive models for stroke risk stratification, leveraging characteristics derived from the ultrasound images.</p> <p>The candidate(s) must have good programming skills mainly in Python language.</p>	
Funding:	Not available	
Required Qualifications:	Degree in Computer Science/Engineering Electrical Engineering, or biomedical engineering	
Research Advisor:		
Name/Surname:	Efthymoulos Kyriacou	
Position:	Assistant Professor	
Email:	efthymoulos.kyriacou@cut.ac.cy	

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Research Topic Title:	Development of a Methodology for the Digitisation and Archiving of the Memory of the Union of Occupied Villages in the District of Famagusta: Design and Implementation of a Prototype multi-media/-tasking/- user Repository System.	
No. of Openings:	1	
Description:	<p>This PhD research project aims to develop a comprehensive methodology for the collection, analysis, and digitisation of the cultural, historical, and social memory of the Union of Occupied Villages in the District of Famagusta. The methodology will encompass the collection of diverse forms of memory, including but not limited to textual records, images, storytelling, 3D models, and audiovisual materials.</p> <p>The research will leverage primary sources from key institutions, including the National Archive, the Press and Information Office of the Cyprus Government, university libraries, and the village archive of Famagusta. A crucial aspect of the project will be the interviewing and collection of information and data from the Cyprus occupied areas to document the lived experiences and narratives of the people who once resided there. In addition, the project will actively engage with the diaspora and immigrant communities, ensuring that their memories and contributions are preserved.</p> <p>The second key objective of the project is to design and implement a prototype system that will function as a repository for the archiving, dissemination, exploitation, use, and re-use of the digitized content. The prototype will provide the infrastructure for the data long-term preservation and accessibility, ensuring that the Memory of the Union of Occupied Villages is available for future generations to come, the multidisciplinary user community, research, education, and public engagement.</p> <p>The third goal is to harvest the entire content of EEKA Repository to the EU Europeana Digital Library on Cultural Heritage via the National Aggregator at the CY Deputy Ministry of Culture</p> <p>Objectives: Methodology Development:</p> <p>Formulate a framework for the collection and documentation of memory materials, integrating the historical and social experiences of the occupied villages of Famagusta.</p> <p>Conduct comprehensive research across key archival institutions such as the National Archive, the Press and Information Office of the Cyprus Government, university libraries, the village archive, and contributions from immigrant and diaspora communities.</p>	

	<p>Carry out interviews and collect information and data from the Cyprus occupied areas, capturing oral histories, personal narratives, and other forms of memory from the people who lived in these villages.</p> <p>Establish protocols for the analysis and classification of collected content to ensure a coherent and accessible archive.</p> <p>Define techniques for the digitisation of diverse memory formats (e.g., text, images, audiovisuals, and 3D artifacts).</p> <p>Design of a Prototype System:</p> <p>Develop a prototype repository that supports the archiving, dissemination, and exploitation of digitized content from the Union of Occupied Villages in Famagusta.</p> <p>Ensure the repository can handle and preserve diverse digital formats, including 3D models, storytelling narratives, audiovisual materials, and traditional text-based documents.</p> <p>Incorporate features that allow for the reuse of digitized materials, supporting educational, research, and public outreach efforts.</p> <p>Deliverables:</p> <p>A detailed methodological framework for collecting and digitizing the memory of the Union of Occupied Villages in the District of Famagusta, grounded in research conducted at the National Archive, CyBC digital Herodotus, Press and Information Office, university libraries, the village archive, and through contributions from immigrant and diaspora communities.</p> <p>Oral history interviews and data collected from the Cyprus occupied areas, documenting personal stories and experiences of the villagers.</p> <p>A fully functional prototype repository capable of handling and preserving multimodal content (text, images, 3D, audiovisuals).</p> <p>Documentation and guidelines on the use and re-use of the repository content, providing tools for educators, researchers, and the wider public.</p>
Funding:	<p>Stipend by the EEKA – The Union will cover the PhD tuition fees of the selected candidate.</p> <p>A bilateral agreement has been signed between the EEKA and CUT</p>
Required Qualifications:	<p>Candidates applying for this PhD opportunity should have a background in one or more of the following areas:</p> <p>Digital Humanities, Humanities, Cultural Informatics, History</p> <p>Computer Science, Information Systems, or Data Management</p> <p>Experience or interest in digitisation technologies, 3D modeling, multimedia archiving, and system prototyping is highly desirable.</p> <p>-</p>

Research Advisor:		
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Position:	Assistant Professor	
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Research Topic Title:	Development of a Methodology for the Digitisation and Archiving of the Memory of the Union of Occupied Villages in the District of Famagusta: Design and Implementation of a Prototype multi-media/-tasking/- user Repository System.	
No. of Openings:	1	
Description:	<p>This PhD research project aims to develop a comprehensive methodology for the collection, analysis, and digitisation of the cultural, historical, and social memory of the Union of Occupied Villages in the District of Famagusta. The methodology will encompass the collection of diverse forms of memory, including but not limited to textual records, images, storytelling, 3D models, and audiovisual materials.</p> <p>The research will leverage primary sources from key institutions, including the National Archive, the Press and Information Office of the Cyprus Government, university libraries, and the village archive of Famagusta. A crucial aspect of the project will be the interviewing and collection of information and data from the Cyprus occupied areas to document the lived experiences and narratives of the people who once resided there. In addition, the project will actively engage with the diaspora and immigrant communities, ensuring that their memories and contributions are preserved.</p> <p>The second key objective of the project is to design and implement a prototype system that will function as a repository for the archiving, dissemination, exploitation, use, and re-use of the digitized content. The prototype will provide the infrastructure for the data long-term preservation and accessibility, ensuring that the Memory of the Union of Occupied Villages is available for future generations to come, the multidisciplinary user community, research, education, and public engagement.</p> <p>The third goal is to harvest the entire content of EEKA Repository to the EU Europeana Digital Library on Cultural Heritage via the National Aggregator at the CY Deputy Ministry of Culture</p> <p>Objectives: Methodology Development:</p> <p>Formulate a framework for the collection and documentation of memory materials, integrating the historical and social experiences of the occupied villages of Famagusta.</p> <p>Conduct comprehensive research across key archival institutions such as the National Archive, the Press and Information Office of the Cyprus Government, university libraries, the village archive, and contributions from immigrant and diaspora communities.</p> <p>Carry out interviews and collect information and data from the Cyprus occupied areas, capturing oral histories, personal narratives, and other forms of memory from the people who lived in these villages.</p> <p>Establish protocols for the analysis and classification of collected content to ensure a coherent and accessible archive.</p>	

		<p>Define techniques for the digitisation of diverse memory formats (e.g., text, images, audiovisuals, and 3D artifacts).</p> <p>Design of a Prototype System:</p> <p>Develop a prototype repository that supports the archiving, dissemination, and exploitation of digitized content from the Union of Occupied Villages in Famagusta.</p> <p>Ensure the repository can handle and preserve diverse digital formats, including 3D models, storytelling narratives, audiovisual materials, and traditional text-based documents.</p> <p>Incorporate features that allow for the reuse of digitized materials, supporting educational, research, and public outreach efforts.</p> <p>Deliverables:</p> <p>A detailed methodological framework for collecting and digitizing the memory of the Union of Occupied Villages in the District of Famagusta, grounded in research conducted at the National Archive, CyBC digital Herodotus, Press and Information Office, university libraries, the village archive, and through contributions from immigrant and diaspora communities.</p> <p>Oral history interviews and data collected from the Cyprus occupied areas, documenting personal stories and experiences of the villagers.</p> <p>A fully functional prototype repository capable of handling and preserving multimodal content (text, images, 3D, audiovisuals).</p> <p>Documentation and guidelines on the use and re-use of the repository content, providing tools for educators, researchers, and the wider public.</p>
Funding:		<p>Stipend by the EEKA – The Union will cover the PhD tuition fees of the selected candidate.</p> <p>A bilateral agreement has been signed between the EEKA and CUT</p>
Required Qualifications:		<p>Candidates applying for this PhD opportunity should have a background in one or more of the following areas:</p> <p>Digital Humanities, Humanities, Cultural Informatics, History</p> <p>Computer Science, Information Systems, or Data Management</p> <p>Experience or interest in digitisation technologies, 3D modeling, multimedia archiving, and system prototyping is highly desirable.</p> <p>-</p>
Research Advisor:		
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Doctoral Vacancy Announcement form

Research Topic Title:		Developing Memory Twins for the Documentation and Preservation of Maltese Heritage	
No. of Openings:	1		
Description:		<p>Introduction</p> <ul style="list-style-type: none"> In recent years, the concept of the "Memory Twin" has emerged as an innovative approach to cultural heritage preservation, particularly in the digitization of historical assets. Introduced to me by Prof Marinós Ioannides, UNESCO chair for digital cultural heritage and a leading figure in the field, this concept broadens the scope of cultural digitization by integrating the intangible historical and social memory of heritage assets into a comprehensive digital archive. This thesis will focus on expanding the concept of the Memory Twin, specifically applied to Maltese heritage, blending 3D and 2D digitization techniques with the recording of oral histories, narratives, and other intangible elements that provide a deeper contextual understanding of cultural assets. Malta's rich and diverse cultural heritage, particularly its naval and dockyard history, offers a unique case study to explore how Memory Twins can revolutionize heritage preservation. <p>Research Objectives:</p> <ul style="list-style-type: none"> Formulate a comprehensive framework for the documentation and digitization of Maltese cultural heritage, integrating both tangible and intangible elements. Conduct archival research across key institutions in Malta, including the National Archives, Heritage Malta, Ecclesiastical Archives and other local and foreign repositories, to gather historical records, images, and other primary sources. Expand the current methodology of digital twin technologies by incorporating memory elements, such as oral histories, personal narratives, and social contexts that are often overlooked in traditional digitization efforts. Develop techniques for the digitization of diverse formats, including text, audiovisual materials, and 3D models, ensuring the preservation of Malta's physical and intangible heritage. Create effective user unique centred visualisation to make Memory Twins as widely accessible as possible: Next generation of virtual museums in the metaverse. <p>Engage with other European researchers and practitioners in the areas of cultural heritage to examine how memories are being recorded and documented and how the concept of Memory Twin is being developed across Europe.</p>	

Funding:	N/A	
Required Qualifications:	<p>Candidates applying for this PhD opportunity should have a background in one or more of the following areas:</p> <ul style="list-style-type: none"> - Digital Humanities, Humanities, Cultural Informatics, History - Computer Science, Information Systems, or Data Management - Experience or interest in digitisation technologies, 3D modeling, multimedia archiving, and system prototyping is highly desirable. 	
Research Advisor:		
Name/Surname:	Marinos Ioannides	
Position:	Assistant Professor	
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Research Topic Title:		Improved Reliability Condition and Health Monitoring in the energy sector enabled through innovations in Wide Bandgap (WBG) and Ultra-Wide Bandgap (UWBG) Semiconductor Technologies
No. of Openings:	2	
Description:	<p>Overview: We are seeking applications for up to two PhD positions at the Cyprus University of Technology, to investigate current and emerging WBG and UWBG based power device technologies, with scope address critical challenges related to Condition and Health Monitoring of power electronics in the energy sector. This cutting-edge PhD program is aligned with FLAGCHIP – Flagship advanced solutions for Condition and Health monitoring In Power electronics – program, funded under the EU Horizon Europe Research and Innovation Action (RIA) scheme. Successful applicants will join a competitive consortium of 11 partners, from 8 different countries, with a strong research group (2 RTOs and 4 Universities) collaborating with key stakeholders that include industrial players (3 Large companies and 2 SME) such as manufacturers, research-based companies and business development firms.</p> <p>Research Context: Recent advancements in Silicon Carbide (SiC) MOSFET technology have been propelled by the availability of high-quality SiC wafers with lower defect densities and larger sizes. These improvements have made SiC MOSFETs commercially viable for low voltage applications (e.g. 600V to 1200V) in motor drives, electrical cars, power supplies, and solar inverters. More recently, 3.3kV class SiC MOSFETs have entered the market, targeting higher voltage applications like rail transportation and medium voltage drives. However, for high voltage direct current (HVDC) and medium voltage direct current (MVDC) applications, current technology requires the connections of multiple low voltage SiC MOSFETs, leading to increased system complexity and cost. Additionally, monitoring the health of such power electronic systems remains a challenge.</p> <p>Project Goals: The project aims to enhance our understanding of degradation and physics-of-failure of SiC MOSFETs with scope to inform the development of innovative Condition and Health monitoring methodologies. Building on that, the project will design new SiC-MOSFETs of voltage rating above what is commercially available (e.g. 6.5kV and above) with increased reliability and performance. Also, the project will investigate UWBG technologies such as Ga₂O₃, AlGa_N, AlN and diamond, and benchmark them against SiC-MOSFETs to lay the foundation of future power semiconductor devices technology development.</p>	
Funding:	Funding is available through involvement and active contribution to the FLAGCHIP – Flagship advanced solutions for Condition and Health monitoring In Power electronics – program, funded under the EU Horizon Europe Research and Innovation Action (RIA) scheme.	
Required Qualifications:	Undergraduate (BSc) and postgraduate (MSc) degrees in Electrical or Electronics Engineering or Physics or Chemistry or related fields. Prior research experience or specialisation in related topics will be considered an advantage.	

Research Advisor:			
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Position:	Assistant Professor		
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Research Topic Title:	Technology Computer-Aided Design (TCAD) of Power Semiconductor Devices for Smart Grids, Renewable Energy, and Advanced Electrical Energy Systems.	
No. of Openings:	2	
Description:	<p>We invite applications for PhD positions focused on advanced Technology Computer-Aided Design (TCAD) simulation and optimisation of power semiconductor devices, tailored for cutting-edge applications in smart grids, renewable and advanced electrical energy systems. This research will explore the next generation of medium and high-voltage power devices based on both silicon and wide band-gap (WBG) materials like Silicon Carbide (SiC) and Gallium Nitride (GaN), which are critical for improving the efficiency, reliability, and scalability of modern energy systems.</p> <p>The successful candidate will employ TCAD tools to model, simulate, and optimise the performance of semiconductor devices used in electrical energy conversion systems. These devices are essential for high-efficiency power conversion in applications such as grid-connected renewable energy (e.g., solar, wind), electric vehicle infrastructure, and smart grids, where robust and reliable energy management is paramount. The successful candidate will also investigate the thermal management and degradation mechanisms that impact device performance in high-voltage environments.</p> <p>This PhD opportunity aligns with European research projects, including the FLAGCHIP programme, and offers a unique chance to collaborate with industry leaders and research teams working on high-voltage power devices for electrical energy systems. The project will also examine the potential of Ultra-Wide Band-Gap (UWBG) semiconductors to further advance electrical energy systems by offering superior performance and efficiency in high-power applications.</p> <p>Join us in designing the next generation of power semiconductor devices that will revolutionise energy-efficient solutions for electrical energy systems, helping to integrate renewable energy and modernise the global power grid.</p>	
Funding:	<p>Funding is available through active contribution to ongoing research projects like FLAGCHIP – Flagship Advanced Solutions for Condition and Health Monitoring in Power Electronics – funded under the EU Horizon Europe Research and Innovation Action (RIA) scheme. Additionally, exceptional candidates may qualify for a fee waiver scholarship where applicable.</p>	
Required Qualifications:	<p>Undergraduate (BSc) and postgraduate (MSc) degrees in Electrical or Electronics Engineering, Physics, Chemistry, or related fields.</p> <p>Candidates with expertise in renewable energy systems, smart grids, and electrical power systems are strongly encouraged to apply.</p>	

		<p>Advantageous qualifications, prior knowledge or prior research experience in the following subjects will be considered an advantage:</p> <ul style="list-style-type: none"> - Semiconductor physics - TCAD simulation - Electrical energy systems. - Power semiconductor devices - Wide band-gap materials (SiC, GaN) - Electrical energy conversion systems
Research Advisor:		
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Position:	Assistant Professor	
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Research Topic Title:		Theoretical and Experimental investigation of geothermal systems	
No. of Openings:	1		
Description:		Required a theoretical and experimental investigation of geothermal systems	
Funding:		No funding	
Required Qualifications:		BSc and/or MSc in Electrical Engineering and Computer Engineering or Computer Science or Physics, or any other related subject. Strong mathematical modeling background will be considered an advantage.	
Research Advisor:			
Name/Surname:	Paul Christodoulides		
Position:	Asst. Professor		
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Research Topic Title:		Production of hydrogen by frequencies, hydrolysis and impurities of materials. Theoretical and experimental approach	
No. of Openings:	1		
Description:	Required a theoretical and experimental approach for the production of hydrogen by frequencies, hydrolysis and impurities of materials.		
Funding:		No funding	
Required Qualifications:		BSc and/or MSc in Electrical Engineering and Computer Engineering or Computer Science or Physics, or any other related subject.	
Research Advisor:			
Name/Surname:	Paul Christodoulides		
Position:	Asst. Professor		
Email:	paul.christodoulides@cut.ac.cy		

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Research Topic Title:		Enabling power systems of lower costs and carbon emissions through decentralized energy storage management, Renewables and dispatchable generation. The case of Cyprus for an isolated power system	
No. of Openings:	1		
Description:	<p>Current power systems were designed many years ago, without provisions for integrating any non-dispatchable generation (e.g., Renewable Energy Sources) or handling bidirectional energy flows. Significant challenges that all Transmission and Distribution System Operators (TSOs and DSOs) need to address are congested assets such as power lines and transformers, system stability due to excess generation and low demand and optimum economic dispatch due to the stochastic nature of renewable generation. Such problems become even worse in isolated power systems where system weakness increase with the increase of RES and significant curtailments take place.</p> <p>Energy storage can be a solution, as it can absorb excess renewable generation and provide it when it is needed, resulting to a smoother power demand as seen by the dispatchable generators and hence, allowing a more efficient generation unit commitment and dispatch. Nevertheless, with centralized storage there is little or no benefit for grid congested substations and power lines, which face power flows close to their limits and in case of any faults or failures, significant distributed generation or load may be disconnected for system's stability reasons. Hence, allowing decentralized energy storage at different congested locations of the utility grid, allows an increased penetration of RES with a reduced curtailment. The main objective of the study is to examine the addition of decentralised storage at different strategic substations of the grid through energy management optimization of the storage to quantify the benefits of the system in terms of investment and running costs and RES integration gain.</p>		
Funding:		No funding	
Required Qualifications:		BSc and/or MSc in Electrical Engineering and Computer Engineering or Computer Science or Physics, or any other related subject.	
Research Advisor:			
Name/Surname:	Paul Christodoulides		
Position:	Asst. Professor		
Email:	paul.christodoulides@cut.ac.cy		

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Research Topic Title:		AI-Powered Chess Training Toolkit	
No. of Openings:	1		
Description:	<p>Overview: We are seeking applications for a PhD position at the Cyprus University of Technology, to investigate and develop an innovative AI-powered toolkit for enhancing chess training in both private and classroom settings. This cutting-edge PhD program aims to leverage recent advancements in AI, particularly in reinforcement learning, deep learning, and neural network training, to transform chess education.</p> <p>Research Context: Recent advancements in artificial intelligence have opened new possibilities for enhancing educational practices, particularly in complex domains like chess. While AI has made significant strides in chess gameplay, its potential for improving chess training and education remains largely untapped. This project seeks to bridge this gap by developing a comprehensive, AI-powered toolkit that can adapt to individual learning needs and evolve based on user interaction.</p> <p>Project Goals: The research will focus on:</p> <ol style="list-style-type: none"> 1. Developing a flexible AI-powered toolkit for chess training that can be continuously expanded and refined 2. Implementing various tools addressing different aspects of chess training, including: Basic skills development, Opening training and visualization, Tactics and strategy training, Endgame puzzles and techniques, Game review and feedback systems 3. Utilizing advanced AI techniques such as machine learning, neural networks, and reinforcement learning to create adaptive and evolving training tools 4. Gathering and incorporating real-time feedback from students to continuously improve the toolkit 5. Driving innovation in chess education by providing practical, impactful solutions that enhance learning outcomes 		
Funding:	Not available		
Required Qualifications:	<ul style="list-style-type: none"> - A Master's degree in Computer Science, Artificial Intelligence, or a related field - Python and PyTorch - Proficiency in chess, preferably with teaching experience - Proficiency in the English language - Ability to work independently 		
Research Advisor:			
Name/Surname:	Sotirios Chatzis		
Position:	Associate Professor		
Email:	sotirios.chatzis@cut.ac.cy		

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Research Topic Title:	Advancing stable diffusion models for video processing and generation. The successful candidate will join a dynamic research team dedicated to pushing the boundaries of machine learning and computer vision.		
No. of Openings:	1		
Description:	<ul style="list-style-type: none"> Conduct original research on stable diffusion models applied to video data. Develop and implement novel algorithms for video synthesis, enhancement, and analysis. Collaborate with faculty and other researchers in interdisciplinary projects. Present research findings at international conferences and publish in reputable journals. Assist in teaching responsibilities as part of the doctoral training. <p>A stimulating research environment with access to state-of-the-art facilities.</p> <ul style="list-style-type: none"> Opportunity to collaborate with leading experts in the field. Competitive salary and funding for conference travel. Access to professional development resources and training. 		
Funding:	Not available		
Required Qualifications:	<ul style="list-style-type: none"> A Master's degree (or equivalent) in Computer Science, Electrical Engineering, Applied Mathematics, or a related field. Familiarity with programming languages such as Python, and with deep learning frameworks like PyTorch or TensorFlow. Excellent problem-solving skills and a passion for research. Strong written and verbal communication skills in English. 		
Research Advisor:			
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Position:	Associate Professor		
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