

**HFRI 10/03/2026**  
**Ref. No. 121209**



HELLENIC REPUBLIC  
MINISTRY OF DEVELOPMENT  
GENERAL SECRETARIAT FOR RESEARCH AND INNOVATION  
**HELLENIC FOUNDATION FOR RESEARCH AND INNOVATION**

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## **AMENDMENT OF FUNDING LISTS OF THE PROPOSALS**

**Submitted in the Scientific Areas**

**Physical Sciences (SA.1)**

**Engineering Sciences & Technology (SA.2)**

**Category II**

**“3rd Call and Management and Implementation Guide for H.F.R.I. Research Projects to Support Faculty Members and Researchers”**

Subsequent to the issuance of the Ref. No. 121095/09.03.2026 Directors' Decision on "Amendment of the Ref. No. 110410/23.07.2025 Directors' Decision on the publication of the Funding Lists of the proposals submitted under the "3rd Call and Management and Implementation Guide for H.F.R.I. Research Projects to Support Faculty Members and Researchers" (Ref. No. 70402/28.07.2023, as in force), below is the amended Funding List per Scientific Area and Category in the **Scientific Areas "Physical Sciences" (SA. 1) and "Engineering Sciences & Technology" (SA. 2) Category II** (IUN: Ψ87046M77Γ-ΓΦΑ), below is the amended Funding List per Scientific Area and Category.

The funding lists have been amended as follows:

- Proposal No 23357 Principal Investigator has been replaced,
- Proposal No 23468 Principal Investigator has been replaced,
- Proposal No 23457 Host Institution has changed.

<b>FUNDING LIST</b>					
<b>Physical Sciences (SA. 1)</b>					
<b>CATEGORY II</b>					
A/N	Proposal No.	Title	Principal Investigator Name	Host Institution	Approved budget (€)
1.	26546	ttZ and ttHiggs with bb and cc at the LHC	SPHICAS PARASKEVAS	INSTITUTE OF ACCELERATING SYSTEMS AND APPLICATIONS (IASA)-NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS AND NATIONAL TECHNICAL UNIVERSITY OF ATHENS	284.971,00 €
2.	25142	Inverse Macromolecular Architectures of Linear and Star Diblock Copolymers for Nanotechnology Applications	AVGEROPOULOS APOSTOLOS	UNIVERSITY OF IOANNINA	285.000,00 €
3.	26254	Gravitational Wave Discoveries Using Artificial Intelligence	STERGIOULAS NIKOLAOS	ARISTOTLE UNIVERSITY OF THESSALONIKI	284.927,00 €
4.	25251	Development of mannosylated nanoparticles encapsulated with myelin peptides: A novel approach for multiple sclerosis treatment	TSELIOS THEODORE	UNIVERSITY OF PATRAS	284.995,00 €

5.	24861	Ion Transport in Nanochannels: Design of new processes for efficient ion transport	FLOUDAS GEORGE	UNIVERSITY OF IOANNINA	285,000,00 €
6.	23357	Shape Coexistence in Atomic Nuclei	LAGOYANNIS ANASTASIOS	NATIONAL CENTRE FOR SCIENTIFIC RESEARCH "DEMOKRITOS"	285.000,00 €
7.	23770	Holography and Transport in extreme phases of matter	KIRITSIS ELIAS	INSTITUTE OF THEORETICAL AND COMPUTATIONAL PHYSICS (ITCP)-DEPARTMENT OF PHYSICS-UNIVERSITY OF CRETE	284.960,00 €
8.	26296	Lateral heterostructures of two-dimensional transition metal dichalcogenides: synthesis and thermomechanical properties	PAPAGELIS KONSTANTINOS	FOUNDATION FOR RESEARCH AND TECHNOLOGY-HELLAS	284.958,00 €
9.	24929	Chiral Metallo drugs As Anticancer Agents	RAPTOPOULOU CATHERINE	NATIONAL CENTRE FOR SCIENTIFIC RESEARCH "DEMOKRITOS"	285.000,00 €
10.	25826	Laser-plasma high intensity ultrasounds generation and control for cancer research applications	TATARAKIS MICHALIS	HELLENIC MEDITERRANEAN UNIVERSITY	285.000,00 €
11.	26623	Altermagnetism: A new magnetic order for spintronics	DIMOULAS ATHANASIOS	NATIONAL CENTRE FOR SCIENTIFIC RESEARCH "DEMOKRITOS"	284.132,00 €
12.	25442	Quantum computation platform with analog polaritonic qubits	PETROSYAN DAVID	FOUNDATION FOR RESEARCH AND TECHNOLOGY-HELLAS	284.992,00 €

**FUNDING LIST**  
**Engineering Sciences & Technology (SA. 2)**  
**CATEGORY II**

A/N	Proposal No.	Title	Principal Investigator Name	Host Institution	Approved budget (€)
1.	23407	ImProving Well-being of Citizens and Future-proofing Jobs with Soft Wearable Robotic ExoSuits	POLYGERINOS PANAGIOTIS	HELLENIC MEDITERRANEAN UNIVERSITY	282.000,00 €
2.	26465	Compassionate, Adaptive, Robust and Explainable Robots	GASTERATOS ANTONIOS	DEMOCRITUS UNIVERSITY OF THRACE	281.040,00 €
3.	24996	Laser bioprinting tool for cartilage regeneration	ZERGIOTI IOANNA	NATIONAL TECHNICAL UNIVERSITY OF ATHENS	281.971,00 €
4.	23330	Safe Bilateral Human Teleoperation of Robotic Manipulators with Prescribed Accuracy Variable Autonomy and Haptic Feedback in the Presence of Time Delays	ROVITHAKIS GEORGIOS	ARISTOTLE UNIVERSITY OF THESSALONIKI	281.765,00 €
5.	26813	Green and scalable laser-assisted production of Si/graphene-based electrodes for high energy density Li-ion batteries	YANNOPOULOS SPYROS	FOUNDATION FOR RESEARCH AND TECHNOLOGY-HELLAS	281.848,00 €
6.	25953	Optics-Informed Deep Learning and Light-based Neural Network Engines for Energy-Efficient Artificial Intelligence	PLEROS NIKOLAOS	ARISTOTLE UNIVERSITY OF THESSALONIKI	281.571,00 €
7.	25267	Lightweight AI-based HW Health Monitors for Dependable Energy-Efficient IoT	KARAKONSTANTIS GEORGIOS	UNIVERSITY OF THESSALY	281.972,00 €
8.	26007	Development of specialized bacterial cell factories for high-level production of biological drugs through combinatorial CRISPR-mediated host engineering	SKRETAS GEORGIOS	BIOMEDICAL SCIENCES RESEARCH CENTRE ALEXANDER FLEMING	274.010,00 €

9.	23567	Development of an AI-based diagnostic tool for Personalized patient's risk stratification in CARDiovascular DIsease.	EFSTATHOPOULOS EFSTATHIOS	NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS	261.795,00 €
10.	26236	Nonlinear shunt circuit piezoelectric vibration absorbers for structures and acoustics	STAVROULAKIS GEORGIOS	TECHNICAL UNIVERSITY OF CRETE	282.000,00 €
11.	26198	Novel Retrofit Strategies for Multi-Story Structures and Industrial Facilities	SAPOUNTZAKIS EVANGELOS	NATIONAL TECHNICAL UNIVERSITY OF ATHENS	281.926,00 €
12.	24958	3D printing of innovative membranes; Fabrication, characterization and application in enhanced wastewater treatment processes	ZOUMPOULIS ANASTASIOS	ARISTOTLE UNIVERSITY OF THESSALONIKI	281.998,00 €
13.	23468	Space Robotic Systems for Autonomous Assembly in Orbit	POULAKAKIS IOANNIS	NATIONAL TECHNICAL UNIVERSITY OF ATHENS	282.000,00 €
14.	26480	Deep Learning for Thermal Recovery and Management Optimization	SEFERLIS PANAGIOTIS	ARISTOTLE UNIVERSITY OF THESSALONIKI	258.016,00 €
15.	26165	Engineering Measures for historic Bridges Resilience Against Climate change and Earthquakes	SEXTOS ANASTASIOS	NATIONAL TECHNICAL UNIVERSITY OF ATHENS	281.765,00 €
16.	26272	Process intensification of Carbon dioxide and methane valorization by microwave heating	KATSAROS FOTIOS	NATIONAL CENTRE FOR SCIENTIFIC RESEARCH "DEMOKRITOS"	280.857,00 €
17.	25079	Novel Pd-based catalysts for the hydrogenation of CO2 to value-added products	KONNDARIDES DIMITRIS	UNIVERSITY OF PATRAS	281.962,00 €
18.	26153	Integrated planning of mobility hubs for optimally assembling the PUZZLE pieces of an urban multimodal transportation system.	KEPAPTSOGLOU KONSTANTINOS	NATIONAL TECHNICAL UNIVERSITY OF ATHENS	281.248,00 €
19.	25726	Neuromorphic Reconfigurable Intelligent Surfaces for Ultra-Energy Efficient, and Secure Low-Latency Communications	TSIFTSIS THEODOROS	UNIVERSITY OF THESSALY	281.957,00 €

20.	23457	Predicting Product Distribution from Depolymerization of Plastic Waste	MPOURMPAKIS IOANNIS	NATIONAL TECHNICAL UNIVERSITY OF ATHENS	281.972,00 €
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**The Director of the Hellenic Foundation for Research and Innovation**

**Dr Aikaterini Kouravelou**