



**H.F.R.I.**  
Hellenic Foundation for  
Research & Innovation

HELLENIC REPUBLIC  
MINISTRY OF DEVELOPMENT AND  
INVESTMENTS GENERAL SECRETARIAT FOR  
RESEARCH AND INNOVATION

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Athens,  
05.04.2021

Ref. No.: 35617

**ANNOUNCEMENT**

**1st AMENDMENT OF THE FUNDING LISTS FOR THE PROPOSALS**

**submitted in the Scientific Areas**

**B. Engineering Sciences and Technology (SA.2)**  
**E. Mathematics and Information Sciences (SA.5)**  
**I. Management & Economics of Innovation (SA.9)**

**“2nd Call for H.F.R.I. Research Projects  
to Support Postdoctoral Researchers”**

Following the decision under Ref. No. 35616/5.04.2021 by the H.F.R.I. Director on the “1st Amendment of the Decision under Ref. No. 27273/30.07.2020 (IUN: ΨΣΓ446M77Γ-Γ1Φ)” by the H.F.R.I. Director regarding the publishing of the funding lists for the Proposals submitted under the “**2nd Call for H.F.R.I. Research Projects to Support Postdoctoral Researchers**” (Ref. No. 7121/29.11.2018, as in force) in the Scientific Areas **B. Engineering Sciences and Technology, E. Mathematics and Information Sciences and I. Management & Economics of Innovation**, here follow the **amended funding lists for proposals submitted** in the below Scientific Areas:

B. Engineering Sciences and Technology (SA.2)

E. Mathematics and Information Sciences (SA.5)

I. Management & Economics of Innovation (SA.9)

It should be highlighted that the lists are amended as follows:

i. The Proposals No. 367, 756 and 1099 shall be included in the funding list for proposals submitted in the Scientific Area “Engineering Sciences and Technology”, whereas the Proposals No. 591, 221 and 40 shall be removed from this list.

ii. The Proposals No. 779, 1041 and 330 shall be included in the funding list for proposals submitted in the Scientific Area “Mathematics and Information Sciences”, whereas the Proposals No. 116, 148 and 1016 shall be removed from this list.

iii. The Host Institution of the Proposal No. 73 shall be changed.

## FUNDING LISTS FOR THE PROPOSALS

submitted in the Scientific Areas

**B. Engineering Sciences and Technology (SA.2)**

**E. Mathematics and Information Sciences (SA.5)**

**I. Management & Economics of Innovation (SA.9)**

**“2nd Call for H.F.R.I. Research Projects to Support  
Postdoctoral Researchers”**

### B. SCIENTIFIC AREA – ENGINEERING SCIENCES AND TECHNOLOGY

Table L.B. below presents **the Proposals to be funded** in the Scientific Area **B. Engineering Sciences and Technology (SA.2)**, based on their scoring as listed in the Final Ranking Table (Ref. No. 27272/30.07.2020) and the available budget (H.F.R.I.’s Scientific Council Decision with Ref. No. 19313/21.11.2019, IUN: ΩΓΨΦ46M77Γ-ΔΕΒ).

B. ENGINEERING SCIENCES AND TECHNOLOGY					
L.B. FUNDING LIST					
A/ N	Propo- sal No.	Title	Principal Investigator’s Name	Institution	Approved Budget (€)
1.	<b>314</b>	Cognitive decline prognosis in multiple sclerosis: effectiveness of a computerized cognitive training treatment on cortical reorganization	STYLIADIS CHARALAMPOS	ARISTOTLE UNIVERSITY OF THESSALONIKI	<b>197.000,00</b>
2.	<b>745</b>	Enhanced Unmanned aeRial vehicle platfoRm using integrated Innovative layout Configurations And propulsion technologies	PANAGIOTOU PERIKLIS	ARISTOTLE UNIVERSITY OF THESSALONIKI	<b>196.678,00</b>
3.	<b>328</b>	Harnessing the potential of Accessory enzymes and their Synergistic relationships in the valorization of Greek lignocellulosic biomass	ZERVA ANASTASIA	NATIONAL TECHNICAL UNIVERSITY OF ATHENS	<b>197.000,00</b>

4.	<b>448</b>	A diachronic perspective on Rural Architecture, Settlement Sites and Plant Biodiversity of Therasia Island	ATHANASIOU KONSTANTINOS	ARISTOTLE UNIVERSITY OF THESSALONIKI	<b>197.000,00</b>
5.	<b>46</b>	Advanced nanocomposite adsorbents for the removal of high-valent pollutants from water	SYMEONIDIS KONSTANTINOS	ARISTOTLE UNIVERSITY OF THESSALONIKI	<b>197.000,00</b>
6.	<b>927</b>	Towards resilient transportation infrastructure in a multi-hazard environment	TSINIDIS GRIGORIOS	ARISTOTLE UNIVERSITY OF THESSALONIKI	<b>197.000,00</b>
7.	<b>1261</b>	Efficient nonlinear stochastic dynamics approaches for complex structural systems subject to natural hazards	MITSEAS IOANNIS	NATIONAL TECHNICAL UNIVERSITY OF ATHENS	<b>185.470,00</b>
8.	<b>73</b>	Tunable 2D lamellar Membranes based on layered MXenes For highly efficient environmental applications	TSOUFIS THEODOROS	UNIVERSITY OF IOANNINA	<b>188.247,00</b>
9.	<b>356</b>	Advanced information modelling for safer structures against manmade hazards	MITROPOULOU CHARIKLEIA	NATIONAL TECHNICAL UNIVERSITY OF ATHENS	<b>197.000,00</b>
10.	<b>205</b>	Innovative Textile Structures for Mechanical Electromagnetic Reconfigurability of Wearable Antennas	TSOLIS ARIS	NATIONAL CENTRE FOR SCIENTIFIC RESEARCH "DEMOKRITOS"	<b>195.740,00</b>
11.	<b>367</b>	Surge Protection of Overhead Transmission System	DATSIOS ZACHARIAS	ARISTOTLE UNIVERSITY OF THESSALONIKI	<b>197.000,00</b>
12.	<b>756</b>	Design of efficient graphene-based components for millimeter-wave 5G applications and THz technology through the	AMANATIADIS STAMATIOS	ARISTOTLE UNIVERSITY OF THESSALONIKI	<b>186.165,00</b>

		development of a robust multi-purpose simulation toolbox			
13.	<b>1099</b>	Fabrication, plasmonic and photothermal performance and cytotoxicity of TiN-based nanoparticles in the infrared biological window for biomedical applications	PLIATSIKAS NIKOLAOS	ARISTOTLE UNIVERSITY OF THESSALONIKI	<b>184.002,9</b>

### E. SCIENTIFIC AREA – MATHEMATICS AND INFORMATION SCIENCES

Table L.E. below presents **the Proposals to be funded** in the Scientific Area **E. Mathematics and Information Sciences (SA.5)**, based on their scoring as listed in the Final Ranking Table (Ref. No. 27272/30.07.2020) and the available budget (H.F.R.I.'s Scientific Council Decision with Ref. No. 19313/21.11.2019, IUN: ΩΓΨΦ46M77Γ-ΔΞΒ).

<b>E. MATHEMATICS AND INFORMATION SCIENCES</b>					
<b>L.E. FUNDING LIST</b>					
<b>A/N</b>	<b>Proposal No.</b>	<b>Title</b>	<b>Principal Investigator's Name</b>	<b>Institution</b>	<b>Approved Budget (€)</b>
1.	<b>1147</b>	Efficient Query Answering over RDF streams using Summaries	KONDYLAKIS CHARIDIMOS	FOUNDATION FOR RESEARCH AND TECHNOLOGY HELLAS (FORTH)	<b>130.000,00</b>
2.	<b>235</b>	Stability and Numerics for BSDEs under Uncertainty and Applications	SAPLAOURAS ALEXANDROS	NATIONAL TECHNICAL UNIVERSITY OF ATHENS	<b>124.000,00</b>
3.	<b>1247</b>	PEKATΣINAΣ NIKOΛAOS	REKATSINAS NIKOLAOS	FOUNDATION FOR RESEARCH AND TECHNOLOGY HELLAS (FORTH)	<b>104.000,00</b>
4.	<b>59</b>	Nonlinear Elliptic Problems With Hardy Type Potentials And	GKIKAS KONSTANTINOS	NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS	<b>120.000,00</b>

		Multiple-Layer Solutions To Parabolic Allen-Cahn Equation			
5.	<b>969</b>	Responsible by Design Entity Resolution	EFTHIMIOU VASILEIOS	FOUNDATION FOR RESEARCH AND TECHNOLOGY HELLAS (FORTH)	<b>130.000,00</b>
6.	<b>704</b>	Lifting Algorithms for Evolutionary Dynamics in Networks	RAPTOPOULOS CHRISTOFOROS	UNIVERSITY OF PATRAS	<b>130.000,00</b>
7.	<b>779</b>	DeLorean: Storage, Indexing and Analysis Techniques for Time-Series Management	LIAKOS PANAGIOTIS	ATHENS UNIVERSITY OF ECONOMICS AND BUSINESS	<b>100.000,00</b>
8.	<b>1041</b>	Hydrodynamic limit of phase separating interacting particle systems	STAMATAKIS MARIOS GEORGIOS	FOUNDATION FOR RESEARCH AND TECHNOLOGY HELLAS (FORTH)	<b>79.056,00</b>
9.	<b>330</b>	Brain-like Semantic Video coMpression	DOUTSI EFROSYNI	FOUNDATION FOR RESEARCH AND TECHNOLOGY HELLAS (FORTH)	<b>100.000,00</b>

## I. SCIENTIFIC AREA – MANAGEMENT & ECONOMICS OF INNOVATION

Table L.I. below presents **the Proposals to be funded** in the Scientific Area **I. Management & Economics of Innovation (SA.9)**, based on their scoring as listed in the Final Ranking Table (Ref. No. 27272/30.07.2020) and the available budget (H.F.R.I.'s Scientific Council Decision with Ref. No. 19313/21.11.2019, IUN: ΩΓΨΦ46M77Γ-ΔΕΒ).

<b>I. MANAGEMENT &amp; ECONOMICS OF INNOVATION</b>					
<b>L.I. FUNDING LIST</b>					
<b>A/N</b>	<b>Proposal No.</b>	<b>Title</b>	<b>Principal Investigator's Name</b>	<b>Institution</b>	<b>Approved Budget (€)</b>
1.	<b>640</b>	Acting for Sustainability: Exploring the Factors that Build Sustainable Organizations through Innovation	PAPAGIANNAKIS GIORGOS	ATHENS UNIVERSITY OF ECONOMICS AND BUSINESS	<b>113.022,00</b>
2.	<b>1216</b>	Boosting Efficiency and Green Growth through induced innovation under Technological Heterogeneity. An Elusive Goal or a Feasible Reality?	CHATZISTAMOULOU NIKOLAOS	UNIVERSITY OF PATRAS	<b>76.000,00</b>
3.	<b>569</b>	Smart Technologies and Innovation Systems in Regional Development: Approach with System Dynamics	SAMARA ELPIDA	UNIVERSITY OF WESTERN MACEDONIA	<b>124.611,00</b>

**The H.F.R.I. Director**

**Dr. Nektarios Nasikas**