



GOT ENERGY TALENT MSCA COFUND Second Call for Fellowship

PRELIMINARY¹ ranking list Applications for UAH hosting groups 5 December 2019

According to the meeting of GET MSCA-COFUND Management Board held on 3 December 2019, the Management Board approved the following preliminary list of applicants. The lists are based on the scientific evaluations provided by the Department for Coordination and Evaluation (*Subdivisión de Coordinación y Evaluación, SCE*) of the Spanish Ministry of Science, Innovation and Universities, performed according to the principles and procedures described in the Guide for Evaluators and the Guide for Applicants for Got Energy Talent 2nd call for fellowships.

Applications potentially selected for funding (8 fellowships)

UAH will fund the first 8 project proposals as listed below.

Ranking	Surname, Name	Title of the project proposal	Mentor / Research line
1	Gattuso, Hugo	Modeling on Conjugated Porous Polymers - PhotoNet (Photoactive porous polymeric Networks)	Luis Manuel Frutos Gaité / Modeling on Conjugated Porous Polymers
2	Aguilar, Jose	Autonomic Energy Management Systems based on Data for Smart Building	M ^a Dolores Rodríguez Moreno / Bioinspired efficient energy management
3	Yang, Li	Reconfigurable and Multi-Functional RF/Microwave Circuits with Reflectionless and/or Nonreciprocal Properties and Their Application to Advanced Smart Energy-Efficient/Low-Power RF Front-End Chains (EfficientRF)	Roberto Gómez-García / Energy-efficient multi-functional and reconfigurable RF/microwave circuits

¹ All applicants to Got Energy Fellowship programme have a right to a redress procedure if they feel that there has been a shortcoming in the way their proposal was evaluated. The ranking lists will only be considered final once the redress process is finalized.



4	Querbes, Adrien	Complexity in the city: modelling the socio-technical transition towards sustainable and circular innovations	Javier Carrillo-Hermosilla / A Complexity approach modelling for decision support towards Circular Cities (3C Model)
5	Rasheed, Muhammad Babar	An Optimal Load Scheduling and Fair Pricing Mechanism Using Heuristic Optimization in Smart Grid	M ^a Dolores Rodríguez Moreno / Bioinspired efficient energy management
6	Lovisoló, Lisandro	Positioning Services Using PLC Systems	Fernando Cruz-Roldán / Indoor Positioning PLC Systems
7	Lukin, Sergii	Road Traffic Monitoring System based on Passive Coherent Location technique and Tomographic Ground SAR	Maria-Pilar Jarabo-Amores / Passive radars, an emerging green technology for traffic (aerial, ground and maritime) monitoring and critical infrastructure protection
8	Gil Marcelino, Carolina	Multiobjective And Decision Making Methodology To Solve Optimal Power Flow Problems: An Approach Applied To Hybrid Microgrid Systems	Sancho Salcedo Sanz / Machine Learning in Renewable Energy Systems
9	García Aparicio, María del Prado	Biotechnology approaches for food waste valorisation	Maria Luisa Marina Alegre/ Increasing the sustainability of food chain by obtaining bioactive substances from agrofood industry residues
10	Jimenez Manjarres, Yulieth	Non-intrusive load monitoring based on deep learning for ambient assisted living	Álvaro Hernández Alonso and Jesús Ureña Ureña / Non-intrusive load monitoring and deep learning applied to Ambient Assisted Living
11	Rohmer, Stascha	Nature in Spanish Philosophy and Mystical Literature	Carmen Flys Junquera; Montserrat López Mújica / Environmental humanities and ecocriticism
12	Baddigam, Kiran Reddy	The Introduction of Furanoboroles: A New Class of Organic Electronic Materials	Juan José Vaquero López / Synthesis of polyaromatic azaborines and their application as triplet energy transfer emitters in solar energy conversion



Applications not selected for funding

The applicant did not reach some threshold, either the overall one or any of the thresholds applicable to particular criteria.

Surname, Name	Title of the project proposal
Zafar, Jawwad	Fast Bidirectional Electrical Vehicle Chargers
Leiva, Carlos Leónidas	Back-2-Energy: use of bioactive substances from melon cultivation by-products
Vedrtnam, Ajitanshu	Development of green cement based fire retardant composite and their performance evaluation in pre- and post-fire conditions using conventional and non-destructive methods
Husain, Shahid	Personal Rapid Transit Systems – Railways (PERATS)
Abdel daiem, Mahmoud	Using Photocatalytic Processes for Biomass Oxidation to produce renewable energy and high value-added chemicals
Liu, Lei	Advanced Vehicle Counting Models for Smart Transportation and Mobility
Sbei, Najoua	Melanin Biopolymers As Cathodes For Rechargeable Lithium Batteries: A Biological Energy Storage
Pontes Pizzino, Carlos Alexandre	Flight inspection of radio navigational aids using Autonomous Unmanned Aerial Vehicles
Tyagi, Amit	Fine-grained Online Activity Detection for Smart Transportation and Mobility
Mahdipour, Hadi	Action recognition in video using fuzzy features, clustering and classification methods
Rezvani, Fahimeh	Energy modelling and U-value calculation of Spanish house elements: assessment of thermal performance improvements
Min, Zaw Lin	Research and development of methods for reducing the power deficit in the energy system of Myanmar



This project has received funding from the European Union's Horizon 2020 Research and Innovation Programme under Grant Agreement No 754382.