Got Energy Talent MSCA-COFUND
II Welcoming Event
04 February 2021

Location: Online − If you wish to attend the event, please email tecnico.cofund@uah.es

Date: 04 February 2021

Time: 09:30 – 14:00

GOT ENERGY TALENT (GET) is a fellowship programme co-funded by the EU as part of the H2020-MSCA-COFUND programme (Grant Agreement number 754382), put in place jointly by Universidad de Alcalá (UAH) and Universidad Rey Juan Carlos (URJC). GET offered 34 fellowship positions, via two calls for fellowships (July 2018 and April 2019). Both calls and the selection process are now closed.

Some fellows (those selected under the first call) have been working for over a year and will finish their projects in 2021. Fellows selected under the second call started during 2020. You can check out their profiles and get information about their projects on our website:

➡️ http://gotenergytalent.uah.es/researchers/

UAH and URJC would like to welcome fellows having started in 2020! Via this event, UAH and URJC would like to introduce our GET MSCA-Cofund fellows and their projects to our research communities, our partner organisations and all interested parties. Fellows, both from the first and the second call, will tell us about their backgrounds and their projects, about their planned and/or achieved scientific outcomes.

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09:30 to 09:45	**Welcoming words**
	Mr. Fco. Javier de la Mata, Vice-Rector for Research and Transfer at UAH
	Ms. Visitación López Miranda, Vice-Rector for Research at URJC

09:30 to 10:45	**Presentation of MSCA projects – Panel I**
	Fields 'Signal theory, Computing Science, Computer Architecture, Automatics'

- Li Yang (2nd Call) - 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).

- Carolina Gil Marcelino (2nd Call) - Multiobjective And Decision Making Methodology To Solve Optimal Power Flow Problems: An Approach Applied To Hybrid Microgrid Systems.

- José Lisandro Aguilar Castro (2nd Call) - Autonomic Energy Management Systems based on Data for Smart Building.

- Lisandro Lovisolo (2nd Call) - Positioning Services Using PLC Systems.

- Phillipe Vilaça Gomes (2nd Call) - Transmission flexibility planning for energy transition: Making smart decisions under uncertainty (TransFlex).

- Pacome Landry Ambassa (2nd Call) - safeGRID: Security and privacy in Fog-Enabled Smart Grid.

- Sergii Lukin (2nd Call) - Road Traffic Monitoring System based on Passive Coherent Location technique and Tomographic Ground SAR.

- Basharat Jamil (2nd Call) - Implications of Socio-Economic and Environmental Variables on the Energy Demand Estimation in Spain.

- Muhammad Babar Rasheed (2nd Call) - An Optimal Load Scheduling and Fair Pricing Mechanism Using Heuristic Optimization in Smart Grid.

- Juan Marcos Ramírez Rondón (1st Call) - Compressive Sampling Based Acquisition Models For Secure Transmission and Reliable Data Recovery in Smart Grids.

- Luis Augusto Ballardini (1st Call) - Reliable localization algorithms for autonomous driving cars.

10:45 to 11:00	**Break**

11:00 to 12:15	**Presentation of MSCA projects – Panel II**
	Fields 'Chemical Technology, Analytical Chemistry, Physical Chemistry, Organic and Inorganic Chemistry, Chemical Engineering, Materials Science' – 'Architecture'

- Sergio Carrasco Garrido (2nd Call) - Metal-organic frameworks for CO2 capture and conversion.

- María del Prado García Aparicio (2nd Call) - Biotechnology approaches for food waste valorisation.

- Sabino Armenise (2nd Call) - Catalytic Conversion of Plastic by Magnetic Nanoparticles Radiofrequency-Assisted (PlasMagFuel).

- Luciana Sáiz Moritán (2nd Call) - Development of Self-healing and Self-sensing materials for use in wind turbine blades.

- Francesco Rovense (2nd Call) - Highly-Flexible and Dispatchable Polygeneration using Concentrated Solar Technologies.

- Felice Rubino (2nd Call) - innovative COatings for enhanced PERformance of coNcentratIng solar teChnOlogies (COPERNICO).

- Maria Erans Moreno (2nd Call) - Adsorbents for low-concentration CO2 capture (ALCO2).

- Syie Luing Wong (2nd Call) - Feasibility study on plastic pyrolysis in electromagnetic field over zeolites impregnated with magnetic nanoparticles (PEFZIMN).

- Hugo Gattuso (2nd Call) - Modeling on Conjugated Porous Polymers – PhotoNet (Photoactive porous polymeric Networks).

- Ajitanshu Vedrtnam (1st Call) - Development of advanced sustainable fire resistant cement-based composites and their performance evaluation in pre- and post-fire conditions using conventional and non-destructive methods.

12:15 to 12:30   Break

12:30 to 13:00   Presentation of MSCA projects – Panel III
Fields 'Public Law I and Political Sciences, Economics, and Communications Sciences'

- Daniel Wuebben - WIRE SEED 360: Weaving Innovative Research and Public Engagement: Smart Energy, Science Education, and Dissemination of 360° Content.

- George Augusto Batista Câmara - Geological Reservoir Use: Technologies for Oil and Gas Exploitation Increase x New Trends.

- Jens Peters - Clean energy and low-carbon transitions in the XXI century: economic and policy analysis.

13:00 to 13:45   Presentation of MSCA projects – Panel IV
Fields 'Chemical Technology, Analytical Chemistry, Physical Chemistry, Organic and Inorganic Chemistry, Chemical Engineering, Materials Science'

- Laura Collado Brunete - Artificial Photosynthesis for the production of solar fuels and chemicals.

- Valentina Sessini - Catalytic production of green piezoelectric biopolymers (GREENPEHS).

- María Ventura Sánchez-Horneros - Integrated waste treatment & valorization of chemicals: between bio and chemistry systems (IWaTeVaC).

- Marta Valencia Calvo - Bimetallic NHC complexes for reversible carbon dioxide hydrogenation (BiMet-NHC).

- MD Tabish Noori - Microbial Osmotic Desalination with Energy and Nutrient Recovery (MODERN).

- Chizoba Ezugwu - Evaluation of solar-driven photocatalytic conversion of carbon dioxide (CO2) into hydrocarbon fuels using amine based bimetallic metal-organic frameworks.

13:45 to 14:00   Wrap-up, questions and conclusions

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