

2017 UPV HOSTING OFFER FOR “MSCA IF” RESEARCHERS

PANEL 4. INFORMATION SCIENCES AND ENGINEERING (ENG)

1. [A Conceptual Model-driven Method for Big Data applications](#)
2. [Persuasion Technologies and their application to recommendation and decision-support systems - Intelligent System for integrated and sustainable management of urban fleets \(SURF\)](#)
3. [From requirements to code](#)
4. [Automated User Interface Testing](#)
5. [Design of Self-adaptive systems involving the human](#)
6. [Advanced topics on water resources and environmental engineering](#)
7. [Functionality of hydrocolloids in the reduction of in vitro lipid digestibility of food emulsions](#)
8. [Technologies for Emotional Virtual Human Organisations \(EmoTTech\)](#)
9. [Reversible computing in Erlang](#)
10. [Body Area Networks, 5G technologies, Digital Video Broadcasting](#)
11. [Modulation of brain activity \(neurofeedback\) to voluntarily control parameters related with pain perception in chronic pain patients](#)
12. [New applications of THz waves](#)
13. [IMMERSIVE & INTERACTIVE TV – Interactive and Immersive Omnidirectional and Multi-Sensorial Hybrid TV Consumption](#)
14. [Definition, implementation and objective/subjective assessment of media synchronization solutions for interactive and distributed Collaborative Virtual Environments, including multi-sensorial effects.](#)
15. [Dynamic Biomarkers based on Multiparametric Tissue Signatures for the follow-up and response to treatment assessment of patients with glioblastoma or prostate cancer](#)
16. [Development of nanophotonic sensors for medical and environmental applications](#)
17. [Novel optoelectronic devices based on silicon CMOS technologies](#)
18. [Development of online learning and interactive-predictive techniques for machine translation](#)
19. [Data Communication Solutions for Mobile Wireless Systems](#)

20. [Development of an intelligent application for face recognition by using professional social networks as linkedin](#)
21. [GNSS and WSN Cloud Orchestration for Smart Agri-Food sector](#)
22. [Development of low modulus titanium alloys by powder metallurgy for biomedical applications](#)
23. [Privacy in Educational Social Contexts during the Childhood and Adolescence \(PESEDIA\)](#)
24. [Development of fibre optic sensors for novel applications: ranging from medical to aerospace applications.](#)
25. [Cardiac Regeneration Medicine](#)
26. [Building structures subjected to accidental actions/ extreme events](#)
27. [Exploring and exploiting the advanced multiobjective optimization tools for engineering applications.](#)
28. [Integration of artificial intelligence and latent variable-based multivariate statistical methods for Data Analytics in Big Data problems in Industry 4.0](#)
29. [Ubiquitous Networks for the Revolution of Mobile Communications](#)
30. [Persuasive Cognitive Assistants](#)
31. [Medical simulators for Cardiovascular system: personalized 3D-heart printing models for planning valve interventions \(Napoleon v.2\)](#)
32. [Electrohysterography: building bridges to clinical practice](#)