

## Proyecto europeo TImPANI - Jornadas de formación sobre plasmas de baja temperatura y sus aplicaciones

Start date  
16/11/2021 - 09:00  
Finish date  
19/11/2021 - 15:00

El proyecto europeo [TImPANI](#) celebró los días 16 -19 de noviembre unas jornadas de formación sobre plasma y sus aplicaciones (***Staff Exchange on the use of flexible microtube, dielectric barrier discharge and low -temperature plasma as desorption and ionization sources for mass spectrometry***).

Esta actividad cuenta con la financiación del programa de investigación e innovación **Horizonte 2020** de la Unión Europea, a través del proyecto TImPANI, cuyo consorcio está formado por tres instituciones de tres países diferentes: el Laboratorio de Electromagnetismo y Nuevas Aplicaciones (ENAL) de la Universidad de Chipre (UCY), el grupo de Miniaturización del Leibniz-Institut für Analytische Wissenschaften -ISAS- e.V. de Alemania (ISAS), y el grupo de investigación Química Analítica de la Universidad de Jaén (FQM-323) (UJA), en España liderado por el profesor Antonio Molina Díaz, Catedrático de Universidad del Departamento de Química Física y Analítica.

**HORIZON 2020** Twinning in atmospheric Plasma science and applications

Fact Sheet Reporting Results

### Objective

The main aim of the project is to enhance the research capacity conducted at the Electromagnetics and Novel Applications Lab (ENAL) of the University of Cyprus (UCY) through targeted twinning activities with internationally leading research institutions, namely the Leibniz-Institut für Analytische Wissenschaften- ISAS-e V. (ISAS), and University of Jaén (UJA) in Spain. In particular, the aim will be to stimulate excellence and innovation capacity at UCY primarily in the field atmospheric pressure plasma (APP). The focus will be on fundamental science on instrumentation and applications of the APP. The Twinning activities will include knowledge transfer, exchange of best practices between UCY, UJA, and ISAS, networking with research institutions and industry. The knowledge transfer will be achieved through in person training, webinars and PhD summer schools. The results and networking will be disseminated via participation at international and national conferences and also targeted events for the stakeholders. This project will entail significant benefits for all institutions involved in terms of enhancement of their Research and Innovation (R&I) capacity in science and technology and raising their staff's research profile. It is expected that by the end of the project the consortium will have a core group of researchers (young and experienced) with considerable expertise in numerical simulations and modelling of APP, fabrication and characterization of APP and advanced mass spectroscopy with APP. The critical mass of researchers will be able to make a significant contribution to improving the research and innovation index of Cyprus. It is also expected that the Twinning project will lead to long-term collaboration between the three partners on joint proposals and projects, joint PhD students, infrastructure sharing and innovation through some of the novel applications that will be explored during the project.

### Project Information

**TImPANI**  
Grant agreement ID: 810686

Start date: 1 November 2018 | End date: 30 April 2022

Funded under: H2020-EU.4.b

Overall budget: € 999 625

EU contribution: € 999 625

Coordinated by: UNIVERSITY OF CYPRUS  
Cyprus

## Related links

- [Enlace a noticia en Diario Digital UJA](#)