



University of Cyprus
Electromagnetics and Novel
Applications Lab



Universidad de Jaén

timpani

Twinning in atmospheric plasma science and applications

Plasma science and applications workshop

March 23, 2022

Hosted by the University of Cyprus (UCY)
LRC 012, new campus, new University Library
1 Panepistimiou Avenue, Aglantzia 2019

GPS coordinates: 35.147271, 33.412425

Organized by the University of Cyprus (UCY), Leibniz-Institut für Analytische Wissenschaften-ISAS-e.V, Germany (ISAS) and University of Jaén (UJA), Spain.

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Agenda

Wednesday, March 23 2022	
10:00-10:10	Welcome and overview of the workshop and of the TIMPANI project <i>Dr Charalambos Anastasiou, University of Cyprus</i>
10:10-11:10	Atmospheric Pressure Plasmas and applications in Analytical Chemistry <i>Joachim Franzke, Leibniz-Institute for Analytical Sciences – ISAS – eV, Germany</i>
11:10-12:10	Plasma Ionization and desorption mechanisms <i>Odhisea Gazeli, University of Cyprus</i>
12:10-12:40	In silico modelling of cancer and treatment <i>Vasileios Vavourakis, University of Cyprus / University College London</i>
12:40-14:00	LUNCH BREAK
14:00-15:00	Reshaping the environment to understand dielectric barrier discharge ionization mechanisms when coupled to liquid chromatography mass spectrometry <i>Dr Marcos Bouza, University of Jaen, Jaen, Spain</i>
15:00-16:00	3D-printing of a complete modular ion mobility spectrometer – Design transformation, evaluation and prospective chances <i>Sebastian Brandt, Leibniz-Institute for Analytical Sciences – ISAS – eV, Germany</i>
16:00-16:30	Open discussion and closing of the workshop <i>Moderated by Dr Charalambos Anastasiou, University of Cyprus</i>

Contact:

For any questions on the workshop and for certificates of participation please contact:

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For more information about the project please visit: www.timpani.eu.

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