

## POSTERS SESION PROGRAM:

*All posters should be on display in the hall of the School of Industrial Engineering (EII) at the Campus of Teatinos of the University of Malaga from the morning of Wednesday, July 6.*

**P1:** Combining nanotechnology and ultrasound: in situ synthesis of magnetic nanocomposites for mercury preconcentration.

**I. Lavilla, I. de la Calle, J. Páez-Cabaleiro, V. Romero, C. Bendicho** (UVIGO)

**P2:** Modification of cellulose filter paper with silver nanoparticles for Hg enrichment and determination by a direct mercury analyzer

**I. Lavilla, I. de la Calle, H. Bartolomé-Alonso, C. Bendicho** (UVIGO)

**P3:** The interaction between lysozyme and chlorogenic acid: a fluorescence approach

**D. Leithardt, C. Tomaz, A. Mendonça** (UBI)

**P4:** Biocompatible hybrid nanosystems with photoluminescent, magnetic and drug release activity

**A. Alvear-Jiménez, L. Lozano-Chamizo, M. López-Romero, B. García-Pinel, R. Contreras-Cáceres, R** (UCM)

**P5:** ICP-MS methodology to determine novel potential chemotherapy drugs based on Ruthenium derivatives

**F. de Andrés, E. Domínguez-Jurado, C. Alonso-Moreno, I. Bravo, M. Zougagh, Á. Ríos** (UCLM)

**P6:** Comparison of two theoretical models for simulating the charged metal-molecule interface in electrochemical SERS experiments

**S. Valdivia, D. Aranda, J. Soto, I. López-Tocón, F. J. Avila, J. C. Otero** (UMA)

**P7:** Silver nanostructures mediated by copper substrate for thin film microextraction coupled to surface enhanced Raman spectroscopy

**L. Carrillo-Sánchez, A. I. López-Lorente, R. Lucena, S. Cárdenas** (UCO)

**P8:** Structural in-depth analysis of iron complexes of plant gall polyphenols by spectroscopic techniques: Implications in the analysis of historical.

**A. Espina, S. Sánchez-Cortés, M. V. Cañamares, Z. Jurašeková** (CSIC-IEM)

**P9:** Characterization of Spanish PDO fortified wines by combining multidimensional fluorescence and chemometric approaches

**R. Ríos-Reina, J. L. Pérez-Bernal, J. A. Ocaña, R. M. Callejón** (US)

**P10:** Protonation effect on the ESIPT process of 2-(2'-hydroxyphenyl)pyrimidines.

**M. P. Fernández-Liencre, R. Plaza-Pedroche, S. B. Jiménez-Pulido, N. A. Illán-Cabeza, S. Achelle, A. Navarro, J. Rodríguez-López** (UJA)

**P11:** Branch detection in green and romano beans using reflection spectroscopy

**A. Gracia Moisés, I. Vitoria, L. Castaño, A. Averillo, C. R. Zamarreño** (UNAVARRA)

**P12:** Application of IR spectroscopy for assessing and characterizing organic and conventional virgin olive oils.

**R. M. Callejón, C. Ortiz-Romero, R. Ríos-Reina, B. Jiménez-Herrera, L. Arce** (US)

**P13:** Assessment of the potential of excitation-emission fluorescence and Chemometric approaches for characterizing olive oils of different qualities.

**M. P. Segura-Borrego, R. Ríos-Reina, C. Ortiz-Romero, J. A. Ocaña, B. Jiménez-Herrera, L. Arce, R. M. Callejón** (US)

**P14:** Aerosol pollen classification using laser-induced breakdown spectroscopy (LIBS).

**F.J. Fortes, P. Purohit, T. Delgado, M. Villegas, J. García-Sánchez, M.M. Trigo, J.J. Laserna** (UMA)

**P15:** Teaching Spectroscopy.

**J.M. Suárez Muñoz, R. Pascual Juez** (URJC)

**P16:** Detection of Ibuprofen and Caffeine Pollutants by Surface-Enhanced Raman Spectroscopy.

**I. López-Tocón, M. Lemos de Souza, J. C. Otero** (UMA)

**P17:** Aluminium doped zirconia nanoparticles-modified electrochemical sensor for authenticity controlling of vanilla flavours in food samples.

**Y. Benmassaoud, R. Salghi, M. Zougagh, A. Ríos** (UCLM)

**P18:** Determination of biological markers oxidative stress by capillary liquid chromatography mass spectrometry.

**Y. Benmassaoud, R. Salghi, M. Zougagh, A. Ríos** (UCLM)

**P19:** DFT assisted interpretation of the solid state VCD spectra of NSAIDs: ketoprofen, naproxen and ibuprofen.

**M. Montejo, M. Sánchez-Valera, P. G. Rodríguez-Ortega** (UJA)

**P20:** Introduction to meteor spectroscopy within the UMA/SMA Fireball and Meteor Detection Network.

**A. Lozano-Fernández, A. Castellón-Serrano, J. L. Pérez-Bernal, M. R. López-Ramírez** (UMA)

**P21:** Sample preparation effects on near infrared (NIR) data modelling of acidic and neutral forms of cannabinoids in Cannabis sativa flowers.

**A. Palou, M. Pérez, M. Gómez-Cardoso, A. Castillejo, R. Valenzuela, J. Casals** (UPC)

**P22:** Study by spectroscopic techniques of the process of protein corona formation onto platinum nanoparticles.

**R.C. Rodríguez Martín-Doimeadios, N. Rodríguez-Fariñas, F. El Arnouki Belhaji** (UCLM)

**P23:** The role of Optically Stimulated Luminescence (OSL) dating in archaeological sites

**A. Medialdea, J. Rivera-Silva** (CENIEH)

**P24:** Spatially resolved excitation temperature in the Solution-Cathode Glow Discharge.

**C. Soto-Gancedo, Y. Zhang, J. Orejas, J. Pisonero, N. Bordel** (UNIOVI)

**P25:** MRS and  $\mu$ EDXRF analysis on Roman wall paintings from the archaeological site of Cástulo (Linares, Spain).

**J. Tuñón, P. Amate, B. Ceprián, D. Parras, M. Montejo, A. Sánchez** (UJA)

**P26:** Monolayers of plasmonic nanoparticles prepared in electrostatically-driven self-assembly as effective substrates for surface-enhanced spectroscopic methods.

**M. Oćwieja, N. Piergies, M. Sadowska, P. Gnacek, J. Maciejewska-Prończuk, M. Wasilewska, M. Nattich-Rak, C. Paluszkiwicz, M. Kozak** (IKIFP)

**P27:** XPS and Raman Spectroscopy as a combined tool for study of N coordination in diluted InGaAsN.

**M.C. López-Escalante, M. Gabás, V. González, B. Ściana, W. Dawidowski, D. Radziewicz and J.R. Ramos-Barrado** (UMA)

**P28:** Spectroscopic analysis of mushrooms by Surface-enhanced Raman Scattering (SERS).

**Federico Puliga, Veronica Zuffi, Alessandra Zambonelli, Ornella Francioso, Santiago Sanchez-Cortes** (University of Bologna)

**P29:** Tuning robust hotspots in plasmonic chains.

**Álvaro Buendía, J.A. Sánchez-Gil, Vincenzo Giannini** (IEM-CSIC)