<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Title</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>8.00 - 9.30</td>
<td>Registration</td>
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<tr>
<td>9.30 - 9.45</td>
<td>Opening</td>
<td>session</td>
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<tr>
<td>9.45 - 10.30</td>
<td>PL1</td>
<td>Recent advances in Infra-Red Spectroelectrochemistry</td>
<td>František Hartl</td>
</tr>
<tr>
<td>10.30 - 11.00</td>
<td>Coffee</td>
<td>break</td>
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<tr>
<td>11.00 - 11.15</td>
<td>O1</td>
<td>Adaptation of fungal plasma membrane to a drug challenge</td>
<td>Filipa Pedro Costa Santos</td>
</tr>
<tr>
<td>11.15 - 11.30</td>
<td>O2</td>
<td>XPS studies on the in situ synthesis of nanostructures on polysaccharide surfaces</td>
<td>Ana Maria da Conceição Ferraria</td>
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<tr>
<td>11.30 - 11.45</td>
<td>O3</td>
<td>Molecular spectroscopy: singles, ultrafast and nanoscale</td>
<td>Niek van Hulst</td>
</tr>
<tr>
<td>11.45 - 12.00</td>
<td>O4</td>
<td>FT-Raman, SERS and DFT studies of the main alkaloids of Syrian Rue</td>
<td>Maria Vega Cañamares Arribas</td>
</tr>
<tr>
<td>12.00 - 12.15</td>
<td>O5</td>
<td>Spectroscopic characterization of amphorae from the 8th to the 7th c. B.C. found at the Phoenician site of Almaraz, Almada, Portugal</td>
<td>Luis Filipe Vieira Ferreira</td>
</tr>
<tr>
<td>12.15 - 12.20</td>
<td>F1</td>
<td>Ligand substituent effects in group-6 CO2 reduction catalysts, [Mo(CO)4(x,x’-dimethyl-2,2’-bipyridine] (x = 4 - 6)</td>
<td>James Taylor</td>
</tr>
<tr>
<td>12.20 - 14.00</td>
<td>Lunch</td>
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<tr>
<td>14.00 - 14.30</td>
<td>IL1</td>
<td>Modeling the effect of the electrode potential in SERS by electronic structure calculations</td>
<td>Francisco José Ávila Ferrer</td>
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<tr>
<td>14.45 - 15.00</td>
<td>O7</td>
<td>The stuccos of the archaeological site of Cástulo (Linares, Spain): archaeometric approach by MRS, EDXRF and GC-MS</td>
<td>Alberto Sánchez Vizcaíno</td>
</tr>
<tr>
<td>15.00 - 15.15</td>
<td>O8</td>
<td>Application of SERS technique for characterization of the drug - metal nanocarriers interaction</td>
<td>Natalia Piergies</td>
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<tr>
<td>15.15 - 15.30</td>
<td>O9</td>
<td>Frequency shift on the potential-dependent surface-enhanced Raman scattering of pyridine: simplified models for metal and solvent effects</td>
<td>Daniel Aranda Ruiz</td>
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<tr>
<td>15.30 - 15.45</td>
<td>O10</td>
<td>Unveiling elusive phenolic acid-membrane interactions with fluorescence spectroscopy techniques</td>
<td>António de Granada Flor</td>
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<tr>
<td>15.45 - 16.15</td>
<td>Coffee</td>
<td>break</td>
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<td>16.15 - 17.00</td>
<td>PL2</td>
<td>Spectroscopy of astrophysical ice analogs in the IR and vacuum-UV</td>
<td>Guillermo Muñoz Caro</td>
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<tr>
<td>17.00 - 17.15</td>
<td>O11</td>
<td>Surface-enhanced infrared absorption spectroscopy in molecule-metal conjugate study</td>
<td>Ewa Pieta</td>
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<tr>
<td>17.15 - 17.30</td>
<td>O12</td>
<td>Improving vibrational mode interpretation using Bayesian regression</td>
<td>Filipe Teixeira</td>
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<tr>
<td>17.30 - 17.45</td>
<td>O13</td>
<td>DFT and experimental IR spectra of adsorbed and UV processed glycine on bentonite: a Martian study</td>
<td>Vicente Timon</td>
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<tr>
<td>17.45 - 18.00</td>
<td>O14</td>
<td>Theoretical assessment of new excited state pathways in a photochromic chromene: The 2,2-dimethyl-2H-1-benzopyran-6-carbonitrile</td>
<td>Adelino Galvão</td>
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<tr>
<td>18.00 - 18.05</td>
<td>F2</td>
<td>Insights on the acting role of Martian atmosphere in the fragmentation pathways of organic and C-containing inorganic compounds using LIBS</td>
<td>Tomás Delgado</td>
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<tr>
<td>18.05 - 20.00</td>
<td>Getting together &amp; viewing posters</td>
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<tr>
<td>Time</td>
<td>Session</td>
<td>Title</td>
<td>Presenter</td>
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<tr>
<td>9.00-9.45</td>
<td>PL3</td>
<td>Analytical Nanometrology: Looking for solutions to the challenge</td>
<td>Angel Rios Castro</td>
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<tr>
<td>9.45-10.00</td>
<td>O15</td>
<td>Characterization of gold nanoparticles and dissolved gold species in in vitro toxicological studies by AF4-ICPMS</td>
<td>Sara Lopéz Sanz</td>
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<tr>
<td>10.00-10.15</td>
<td>O16</td>
<td>Doped-photoluminescent nanoparticles in bioanalytical applications</td>
<td>Maria Teresa Fernandez-Argüelles</td>
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<tr>
<td>10.15-10.30</td>
<td>O17</td>
<td>Which distinctive organizational features in mammals and fungi plasma membrane rely on their main sterol component?</td>
<td>Joaquim Manuel Trigo Marquês</td>
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<tr>
<td>10.30-10.45</td>
<td>O18</td>
<td>Alkynone-based synthesis of heterocycles</td>
<td>Xiuling Cui</td>
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<tr>
<td>10.45-11.00</td>
<td>O19</td>
<td>Single Cell Cisplatin Measurements by ICP-MS</td>
<td>João Barata</td>
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<tr>
<td>11:00-11.20</td>
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<td>Coffee break</td>
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<tr>
<td>11.20-11.50</td>
<td>IL2</td>
<td>Quest for a novel preparation method of carbon materials in routine chemical analysis</td>
<td>Pedro M. Costa</td>
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<td>11.50-12.05</td>
<td>O20</td>
<td>Nonlinear Absorption Spectroscopy of carbon dots reveals selective targeting of carbon clusters</td>
<td>Ermelinda Maria Sengo Maçôas</td>
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<td>12.05-12.20</td>
<td>O21</td>
<td>Development of direct analysis methodologies for dolerite prehistoric objects</td>
<td>Sonia Rubio Barberá</td>
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<tr>
<td>12.20-12.25</td>
<td>F3</td>
<td>Rapid and simple detection of miRNA based on gold nanoparticles</td>
<td>Adrián Sánchez Visedo</td>
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<tr>
<td>12.25-12.30</td>
<td>F4</td>
<td>Synthesis of planar chiral ferrocene derivatives via palladium-catalyzed C-H bond activation</td>
<td>Chao Pi</td>
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<tr>
<td>12.30-14.00</td>
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<td>Lunch</td>
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<tr>
<td>14.00-14.30</td>
<td>IL3</td>
<td>Luminescent techniques as analytical tools for environmental and food analysis</td>
<td>Concepción Pérez Conde</td>
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<td>14.30-14.45</td>
<td>O22</td>
<td>Spectroscopic characterization of foods and drinks obtained by addition of new natural colorants</td>
<td>Ruperto Bermejo Román</td>
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<td>15.00-15.15</td>
<td>O24</td>
<td>Quantification of low-levels of cyanide in contaminated waters using water-soluble NIR-emitting quantum dots</td>
<td>Pablo Llano Suárez</td>
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<td>15.15-15.30</td>
<td>O25</td>
<td>PQMS capabilities for calcium isotopes tracer in human nutrition studies</td>
<td>Rui Santos</td>
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<td>15.30-17.00</td>
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<td>Assembly of societies</td>
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<td>17.00-20.00</td>
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<td>Tours</td>
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<td>20.30</td>
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<td>Dinner at Zambeze</td>
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<tr>
<td>Time</td>
<td>Session</td>
<td>Title</td>
<td>Speaker(s)</td>
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<tr>
<td>9.00 - 9.45</td>
<td>PL4</td>
<td>Optical capillary-based microfluidic devices</td>
<td>Luis Fermín Capitán Valvey</td>
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<tr>
<td>9.45 - 10.00</td>
<td>O26</td>
<td>Low fragmentation by Pulsed Glow Discharge-TOFMS: the analysis of volatile organic compounds samples</td>
<td>Jonatan Fandino Rodríguez</td>
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<tr>
<td>10.00 - 10.15</td>
<td>O27</td>
<td>Smartphone-based spectrometry: new portable system for food and pharmaceutical analysis</td>
<td>Miguel Ángel Aguirre Pastor</td>
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<td>10.15 - 10.30</td>
<td>O28</td>
<td>Vibrational portrait of a deep eutectic solvent: shape and hydrogen bonds</td>
<td>Ana Catarina Fernandes Araújo</td>
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<tr>
<td>10.30 - 10.35</td>
<td>O29</td>
<td>In situ synthesis model of flavoprotein gold nanoparticles with fluorescent and plasmonic properties for nanobiosensors development</td>
<td>Alba Martín-Barreiro</td>
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<tr>
<td>10.35 - 11.05</td>
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<tr>
<td>11.05 - 11.35</td>
<td>IL4</td>
<td>Photopatterning molecularly imprinted polymers</td>
<td>Olivier Soppera</td>
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<tr>
<td>11.35 - 11.50</td>
<td>O29</td>
<td>Sensitive rapid fluorescence polarization immunoassay for free immunosuppressants determination in human serum</td>
<td>Ana Bettina Glahn Martínez</td>
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<tr>
<td>11.50 - 12.05</td>
<td>O30</td>
<td>Cement microstructural changes via continuous CO₂ laser irradiation</td>
<td>Moisés Martín Garrido</td>
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<td>12.05 - 12.20</td>
<td>O31</td>
<td>Time and space resolved study of a modified LIBS plasma by on-line nebulization of Ca-containing solution</td>
<td>Cristina Méndez López</td>
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<td>12.30 - 14.00</td>
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<td>Lunch (optional)</td>
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