

**POSTER SESSION**

<b>PO1</b>	Dr. Maja Bauman, <i>et al.</i> , IOS – Institute for environmental protection and sensors Ltd., Slovenia - <b>Amino-Modified Iron Oxide Nanoparticles for Efficient Adsorption of Cu(II), Fe(III), Co(II), and Cd(II) Ions from Water Solutions</b>
<b>PO2</b>	Edoardo Donà, MSc., <i>et al.</i> , IOS – Institute for environmental protection and sensors Ltd., Slovenia - <b>Design of experiment methodology to improve dimethoate fluorescence detection</b>
<b>PO3</b>	Dr. Veronika Furlan, <i>et al.</i> , University of Maribor, Faculty of Chemistry and Chemical Engineering, Slovenia - <b>Inverse Molecular Docking as a Powerful New Approach to Reveal Molecular Mechanisms of Polyphenolic Compounds from Turmeric and Rosemary</b>
<b>PO4</b>	Laura Galun, MSc., <i>et al.</i> , IOS – Institute for environmental protection and sensors Ltd., Slovenia - <b>LCA for chemical recycling of waste PET bottles</b>
<b>PO5</b>	Dr. Ajra Hadel, <i>et al.</i> , IOS – Institute for environmental protection and sensors Ltd., Slovenia - <b>Multifunctional porous nanocomposites used in hybrid electrochemical filtration cell for efficient water purification</b>
<b>PO6</b>	Athira John, MSc., <i>et al.</i> , University of Maribor, Faculty of Mechanical Engineering, Slovenia - <b>Colloidal Coffee Waste Extracts Coatings on PLA films for Active Food Packaging</b>
<b>PO7</b>	Vid Kolmanič Bučar, MSc., <i>et al.</i> , IOS – Institute for environmental protection and sensors Ltd., Slovenia - <b>Recycling of cellulose materials</b>
<b>PO8</b>	Dr. Andraž Lamut, <i>et al.</i> , IOS – Institute for environmental protection and sensors Ltd., Slovenia - <b>Production, isolation and purification of 5-HMF from cellulose waste material</b>
<b>PO9</b>	A. F. P. Allwin Mages Raj, MSc., <i>et al.</i> , IOS – Institute for environmental protection and sensors Ltd., Slovenia - <b>MerB (organomercurial-lyase) mediated quartz crystal microbalance (QCM) based Methylmercury detection</b>
<b>PO10</b>	Dr. Sara Michelini, Department of Biology, Biotechnical Faculty, University of Ljubljana, Slovenia - <b>Gelatine nanoparticles loaded with the marine toxin APS7 increase the effectiveness of chemotherapeutic cisplatin on lung cancer cells</b>
<b>PO11</b>	Luka Popović, MSc., <i>et al.</i> , IOS – Institute for environmental protection and sensors Ltd., Slovenia - <b>CWA and TICs detection with multi-sensor platform GasSense</b>
<b>PO12</b>	Dr. Doris Potočnik, Dept. Environmental Sciences, Jožef Stefan Institute, Slovenia - <b>Antioxidant properties, chemical composition, and authenticity of rosemary and bay leaf essential oils in Slovenia</b>
<b>PO13</b>	Valeriia Sliesarenko, MSc., <i>et al.</i> , IOS – Institute for environmental protection and sensors Ltd., Slovenia - <b>o-Phthaldialdehyde and 3-Mercaptopropyltriethoxysilane for Dopamine Detection: Experimental Results and Prospects</b>
<b>PO14</b>	Prof. Dr. Ivana Murković Steinberg, University of Zagreb, Faculty of Chemical Engineering and Technology, Croatia - <b>Photo-induced synthesis of Prussian blue nanoparticles in situ on paper substrate for chemical sensing applications</b>
<b>PO15</b>	Özkan Yapar, MSc., <i>et al.</i> , IOS – Institute for environmental protection and sensors Ltd., Slovenia - <b>Green all-cellulose biocomposites from renewable biomass feedstocks produced in a water-based fabrication system via the vacuum-filtration assisted impregnation pathway</b>

<b>PO16</b>	Marko Žižek, MSc., et al., IOS – Institute for environmental protection and sensors Ltd., Slovenia - <b>Evaluating the Components of a Sample Holder System for Single Fiber Tensile Testing</b>
<b>PO17</b>	Dr. Olivija Plohl, et al., Faculty of Mechanical Engineering, University of Maribor, Slovenia - <b>Influence of iron oxide-based nanoparticles on the efficiency of polysaccharide coating as a potential modifier for the working electrode of an electrochemical sensor</b>
<b>PO18</b>	Saša Kaloper, MSc., et al., Faculty of Mechanical Engineering, University of Maribor, Slovenia - <b>Combating Hospital-Acquired Infections with Antiviral Polysaccharide Coatings for Personal Protective Equipment: A Physicochemical Analysis of Liquid Media</b>