**Poster presentations**

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|  | **POSTER SESSION I** |  |
| **P1-01** | **Borislava Mladenova**, M.Dimitrova, G.Borisov, E.Slavcheva, Ni – based electrocatalysts for hydrogen evolution reaction in AEM water electrolysis. |  |
| **P1-02** | **Vasil Bachvarov**, R. Rashkov, G. Borisov, Electrochemically Obtained Non-noble Catalysts for Alkaline Water Electrolyzer. |  |
| **P1-03** | **Vasil Kostov,** Electrochemical preparation of antimony alloy coatings with applications for sodium-ion batteries. |  |
| **P1-04** | **Toma Stankulov**, M. Dimitrova, O. Dimitrov, A. Aliosmanova, B. Karamanova, S. Veleva, A. Stoyanova, Recycle, reuse or regeneration of LiFePO4 from spent lithium-ion batteries. |  |
| **P1-05** | **Alexander Zahariev**, B. Tzaneva, Effect of Pore Depth on Kinetics of Thickening the Barrier Layer and Electrochemical Impedance Response of Porous Anodic Aluminium Oxide. |  |
| **P1-06** | **Christian Girginov**, M. Georgieva, S. Kozhukharov, P. Petkov, Сerium conversion coatings formed on anodized AA2024-T3 aircraft alloy. |  |
| **P1-07** | **Stefan Kozhukharov**, M. Georgieva, Ch. Girginov, P. Petkov, Study on the buffering effect of hypophosphite-based systems. |  |
| **P1-08** | **Miglena Peshova**, V. Bachvarov, Obtaining and Corrosion Characterization of Environmentally Friendly Cr6+- free Conversion Films on Zinc Coatings. |  |
| **P1-09** | **Gyunver Hodjaoglu,** Electrochemical Deposition and Characterization of Metal Coatings Using Environmentally Friendly Sulphate Electrolytes (MeSO4: Me = Fe, Cu, Zn) |  |
| **P1-10** | **Sonya Petrova**, D. Lazarova, M. Georgieva, M. Petrova, Investigation the influence of surface pre-treatment for electroless metallization on 3D-ABS samples. |  |
| **P1-11** | **Diana Lazarova**, M. Georgieva, M. Petrova, Electroless copper and nickel metallization of glasses substrate with environmentally friendly pretreatment. |  |
| **P1-12** | **Veselina Milusheva**, B. Tzaneva, Electrochemical investigation of electroless coper deposition with phosphorous acid as reducing agent. |  |
| **P1-13** | **Chiydem Hyusein,** Vessela Tsakova, Galvanostatic copper deposition on carbon screen-printed electrodes. |  |
|  | **POSTER SESSION II** |  |
| **P2-01** | **Dzhamal Uzun**, O. Dimitrov, M. Dimitrova, A. Gigova, I. Tsacheva, Metal/C(Vulcan XC-72R) catalysts for electrochemical oxidation of phenol in aqueous solution. |  |
| **P2-02** | **Alexander Peshkov**, N. Dimcheva, I. Iliev, Electrochemical method for assaying immobilized catalase activity in the presence of alcohol. |  |
| **P2-03** | **Mariya Pimpilova**, Vanina Ivanova-Kolcheva, Nina Dimcheva, Maria Stoyanova, Electrocatalytic activity of modified glassy carbon electrode in non-aqueous medium. |  |
| **P2-04** | **Merin Shukri**, **Tsvetina Cherneva,** Nina Dimcheva, Laccase-based enzyme electrodes for biosensing pyrocatechol and pyrogallol: a comparative study. |  |
| **P2-05** | **Boyana Parvanova**, Bilyana Tacheva, Radostina Georgieva, Miroslav Karabalie, Electrochemical investigation of the stability of poly-phosphocholinated liposomes. |  |
| **P2-06** | **Bilyana Tacheva**, Boyana Parvanova, Radostina Georgieva, Miroslav Karabaliev, Electrochemical investigation of interactions of drugs with liposomes and nanoparticles. |  |
| **P2-07** | **Radostina Georgieva**, Bilyana Tacheva, Boyana Parvanova, Miroslav Karabaliev, Redox Potential of Hemoglobin Microparticles and Impact of Layer-by-Layer Coating**.** |  |
| **P2-08** | Ch. Hyusein, **Ralitsa Peneva, Boriana Gourinova**, A. Nakova, Electrochemical oxidation of acetaminophen on carbon screen printed electrodes. |  |
| **P2-09** | **Kristina Racheva**, Daniela S. Tsekova, Vasil Karastoyanov, Biocompatible surfaces – crystallization of proteins on Bare Ti and ti covered by polypyrrole (ppy). |  |
| **P2-10** | **Feyzim Hodzhaoglu**, Metallographic Sample Preparation of Electrode Materials. |  |
| **P2-11** | **Ivan Zahariev**, Georgi Avdeev, Glow-discharge optical emission spectroscopy, method principles, and applications**.** |  |