SPIS POSTERÓW Z POLSKI na KONGRESIE EUROCORR 2018

1. Zofia Szweda (Silesian University of Technology, Gliwice, Poland): **Impact of low alkali cement in ordinary concrete on ingress of chloride ions**

2. Przemyslaw Kwolek (Rzeszow University of Technology, Faculty of Mechanical Engineering and Aeronautics, Department of Materials Science, Rzeszow, Poland) / Andrzej Gradzik (Rzeszow University of Technology, Faculty of Mechanical Engineering and Aeronautics, Department of Materials Science, Rzeszow, Poland) / Dariusz Szeliga (Rzeszow University of Technology, Faculty of Mechanical Engineering and Aeronautics, Department of Materials Science, Rzeszow, Poland): **On the mechanism of the corrosion of Al2Cu intermetallic phase in the acidic solution**

3. Robert Filipek (AGH-University of Science and Technology, Faculty of Materials Science and Ceramics, Krakow, Poland) / Krzysztof Szyszkiewicz-Warzecha (AGH-University of Science and Technology, Faculty of Materials Science and Ceramics, Kraków, Poland): **Inverse Methods in Corrosion of Rebars in Concrete**

4. Adam Gryc (Silesian University of Technology, Katowice, Poland) / Andrzej Kiełbus (Silesian University of Technology, Katowice, Poland) / Maria Sozaoska (Silesian University of Technology, Katowice, Poland): **Corrosion of cast magnesium alloys in sulphuric acid used in removal of casting skin contamination**

5. Katarzyna Lyczkowska (Politechnika Slaska, Katowice, Poland) / Janusz Adamiec (Politechnika Slaska, Katowice, Poland) / Maria Sozanska (Politechnika Slaska, Katowice, Poland) / Joanna Michalska (Politechnika Slaska, Gliwice, Poland): **Studies on the corrosion resistance of laser-welded 304 and 304h steel**

6. Anna Wassilkowska (Cracow University of Technology, Kraków, Poland) / Alexander Biryukov (Chelyabinsk State University, Chelyabinsk , Poland) / Dmitry Zakharyevich (Chelyabinsk State University, Chelyabinsk, Poland) / Rashid Galin (Vika-Gal2 Ltd., Chelyabinsk , Poland): **The New Potential in Thermal Diffusion Galvanizing**

7. Barbara Pilch-Pitera (Rzeszow University of Technology, Rzeszow, Poland) / Dominika Czachor (Rzeszow University of Technology, Rzeszow, Poland) / Łukasz Byczyoski (Rzeszow University of Technology, Rzeszow, Poland) / Joanna Wojturska (Rzeszow University of Technology, Rzeszow, Poland) / Robert Ostatek (Rzeszow University of Technology, Rzeszow, Poland): **Anticorrosive polyurethane coatings for renovation of the widebody aircrafts shell**

8. Ewa Langer (Institute for Engineering of Polymer Materials and Dyes, Paint and Plastics department, Gliwice, Poland) / Małgorzata Zubielewicz (Institute for Engineering of Polymer Materials and Dyes, Paint and Plastics department , Gliwice, Poland) / Helena Kuczyoska (Institute for Engineering of Polymer Materials and Dyes, Paint and Plastics department , Gliwice, Poland) / Agnieszka Królikowska (Road and Bridge Research Institute, Warsaw, Poland) / Leszek Komorowski (Road and Bridge Research Institute , Warsaw, Poland): **The influence of the concentration and shape, size and surface modification of Zn pigments on the corrosion behaviour of coatings**

9. Maciej Sowa (Silesian University of Technology, Gliwice, Poland) / Kamil Boroo (Silesian University of Technology, Gliwice, Poland) / Artur Maciej (Silesian University of Technology, Gliwice, Poland) / Alicja Kazek-Kęsik (Silesian University of Technology, Gliwice, Poland) / Wojciech Simka (Silesian University of Technology, Gliwice, Poland): **Determination of processing parameters suitable for "soft sparking" during plasma electrolytic oxidation of aluminium**

10. Krzysztof Rokosz (Koszalin University of Technology, Koszalin, Poland) / Tadeusz Hryniewicz (Koszalin University of Technology, Koszalin , Poland) / Steinar Raaen (Norwegian University of Science and Technology (NTNU), Trondheim , Norway) / Sofia Gaiaschi (HORIBA Jobin Yvon S.A.S., Palaiseau, France) / Patrick Chapon (HORIBA Jobin Yvon S.A.S., Palaiseau, France) / Winfried Malorny (4Hochschule Wismar-University of Applied Sciences Technology, Wismar) /

Lukasz Dudek (Koszalin University of Technology, Koszalin, Poland) / Kornel Pietrzak (Koszalin University of Technology, Koszalin, Poland) / João Carlos Salvador Fernandes (Instituto Superior Técnico University of Lisbon, Lisbon, Portugal): **Coatings obtained on titanium by Plasma Electrochemical Oxidation**

11. Katarzyna Lecka (Wroclaw University of Science and Technology, Wroclaw, Poland) / Arkadiusz Antonczak (Wroclaw University of Science and Technology, Wroclaw, Poland): **The influence of fiber laser radiation on the corrosion resistance of 7075 aluminium alloy**

12. Lidia Adamczyk (Częstochowa Technical of University, Częstochowa, Poland): **Corrosion resistance of stainless steel covered by phosphomolybdate ion encapsulated in silica**

13. Juliusz Winiarski (Wroclaw University of Science and Technology, Wroclaw, Poland) / Beata Cieślikowska (Wroclaw University of Science and Technology, Wrocław, Poland) / Anna Mazur (Wroclaw University of Science and Technology, Wrocław, Poland) / Bogdan Szczygieł (Wroclaw University of Science and Technology, Wrocław, Poland): **Electrodeposition of Ni/cerium molybdate composite coatings from deep eutectic solvent**

14. Mieczyslaw Scendo (Jan Kochanowski University in Kielce, Kielce, Poland) / Wojciech Zorawski (University of Technology in Kielce, Kielce, Poland) / Katarzyna Staszewska-Samson (Jan Kochanowski University in Kielce, Kielce, Poland) / Klaudia Szczerba (Jan Kochanowski University in Kielce, Kielce, Poland): **Corrosion Resistance of Cold Sprayed Nickel Coatings in Acidic Chloride Solution**

15. Agnieszka Stefaniak (Czestochowa University of Technology, Czestochowa Czestochowa, Poland) / Henryk Bala (Czestochowa University of Technology, Czestochowa, Poland): **Effect of magnetron sputtering of active powder with MnCrFeNiCo layers on electrochemical parameters of metal hydride electrode**

16. Klaudia Bordolinska (Czestochowa University of Technology, Czestochowa, Poland) / Henryk Bala (Czestochowa University of Technology, Czestochowa, Poland):
Preparation of thin Ni coatings on active hydride powder material using magnetron sputtering technique

17. Aleksandra Dębowska (AGH University of Science and Technology, Cracow, Poland) / Agnieszka Kopia (AGH University of Science and Technology, Cracow, Poland) / Aneta Magdziarz (AGH University of Science and Technology, Cracow, Poland): **Surface analysis of Inconel CMT coatings after the corrosion in the renewable fuel ash environments**

18. Anna Wassilkowska (Cracow University of Technology, Kraków, Poland) / Agnieszka Kochmaoska (West Pomeranian University of Technology Szczecin, Szczecin, Poland): **Microstructure and performance of external protection coating on ductile iron pipes**

19. Jolanta Gąsiorek (Department of Mechanics, Materials Science and Engineering, Wroclaw University of Science and Technology, Smoluchowskiego 25, 50-370 Wrocław, Wroclaw, Poland) / Justyna Krzak (Department of Mechanics, Materials Science and Engineering, Wroclaw University of Science and Technology, Smoluchowskiego 25, 50-370 Wrocław, Wroclaw, Poland) / Jerzy Kaleta (Department of Mechanics, Materials Science and Engineering, Wroclaw University of Science and Technology, Smoluchowskiego 25, 50-370 Wrocław, Wroclaw, Poland): **Influence of an aging time and the stabilization process of the organic-inorganic sol-gel coating on corrosion mitigation**

20. Marta Pakiet (Adam Mickiewicz University in Poznan, Faculty of Chemistry, Poznao Poznao, Poland) / Iwona Kowalczyk (Adam Mickiewicz University in Poznan, Poznao, Poland) / Rafael Leiva Garcia (University of Manchester, Manchester, United Kingdom) / Robert Moorcroft (University of Manchester, Manchester, United Kingdom) / Tim Nichol (Sheffield Hallam University, Sheffield, United Kingdom) / Tom Smith (Sheffield Hallam University, Sheffield, United Kingdom) / Robert Akid (University of Manchester, Manchester, United Kingdom) / Bogumił Brycki (Adam Mickiewicz University in Poznao, Poznao, Poland): **Functionalised new gemini surfactants as biocorrosion and corrosion inhibitors**

21. Grzegorz Cempura (AGH University of Science and Technology, International Centre of Electron Microscopy for Materials Science and Faculty of Metals Engineering and Industrial Computer

Science, Krakow, Poland) / Aleksander Gil (AGH University of Science and Technology, Faculty of Materials Science and Ceramics, Krakow, Poland) / Alina Aguero (Instituto Nacional de Técnica Aeroespacial, Departamento de Materiales y Estructuras, Torrejón de Ardoz, Spain) / Adam Kruk (AGH University of Science and Technology, International Centre of Electron Microscopy for Materials Science and Faculty of Metals Engineering and Industrial Computer Science, Kraków, Poland) / Aleksandra Czyrska-Filemonowicz (AGH University of Science and Technology, International Centre of Electron Microscopy for Materials Science and Faculty of Metals Engineering and Industrial Computer Science, Kraków, Poland) / Marcos Gutierrez (Instituto Nacional de Técnica Aeroespacial (INTA), Departamento de Materiales y Estructuras, Torrejón de Ardoz, Spain): **Microstructure of Sanicro 25 after long-term steam oxidation characterised by advanced electron microscopy techniques**

22. Marcin Kowalski (Warsaw University of Technology, Faculty of Civil Engineering, Mechanics and Petrochemistry, Lukasiewicza 17, 09-400 Plock, Poland) / Arkadiusz Stachowiak (Poznan University of Technology, Institute of Machines and Motor Vehicles,, Piotrowo Street 3, 60-965 Poznan, Poland): **Tribocorrosion performance of Zn, Zn-Ni and Zn-Ni with magnesium electrodeposited on medium carbon steel in a chloride environment**

23. Marcin Klekotka (Bialystok University of Technology, Białystok, Poland) / Jan Ryszard Dąbrowski (Bialystok University of Technology, Białystok, Poland): **Fretting and fretting-corrosion processes of Ti6Al4V alloys in simulated oral cavity environment**

24. Dorota Pasek (Silesian University of Technology, Katowice, Poland) / Maria Sozaoska (Silesian University of Technology, Katowice, Poland) / Janusz Cebulski (Silesian University of Technology, Katowice, Poland): **Effect of FeAl-alloy microstructure on the oxidation process of the intermetallic phase at 900 and 1000°C**

25. Ewa Ura-Binczyk (Warsaw University of Technology, Warsaw, Poland) / Anna Dobkowska (Warsaw Univerisity of Technology, Warsaw , Poland) / Boguslawa Adamczyk-Cieslak (Warsaw University of Technology, Warsaw, Poland) / Jaroslaw Mizera (Warsaw University, Warsaw, Poland): **The influence of phase structure on corrosion behavior of magnesium based alloys with lithium addition**

26. Anna Wassilkowska (Cracow University of Technology (CUT), Kraków, Poland) / Joanna Bak (Institute of Water Supply and Environmental Monitoring, CUT, Kraków, Poland) / Maciej Gruszka (MPWiK SA, Kraków, Poland): **Characterization of corrosion deposits in water supply pipes using scanning electron microscopy**