

VII CONFERENCE ON DRAWING PROGRAMME

Zakopane 02÷04.03.2017

02.03.2017

14⁰⁰ – registration of participants

16³⁰ - 18³⁰ – meeting with Board of Polish Steel Association and with Conference Organizer

Papers:

1. The situation in steel industry in the World, in European Union and in Poland; challenges, opportunities and threats – **President of the Board Stefan Dzienniak.**

2. The financial support for realization of innovative technological projects the way to improve the competitiveness of steel companies in Poland – **Deputy Director Kazimierz Kowalski.**

3. The possibilities to obtaining the financial support for research, development and investment activities by enterprises based on cooperation with research institutions (Intermediate bodies – The National Centre for Research and Development (NCBiR), Ministry of Economic Development (MR), Bank Gospodarstwa Krajowego (BGK), The Polish Agency for Enterprise Development (PARP) - **Phd, DSc, Associate Professor Sylwia Wiewiórowska.**

19⁰⁰ – meeting of participants – lobby

20⁰⁰ – banquet connected with presentation of Prof. Schneider Awards

03.03.2017

8⁰⁰ - breakfast

9⁰⁰-11⁰⁰ – technical session

Session 1

Chairman: Prof. dr hab. inż. Janusz Łuksza

1. **Misiołek W.J.:** New challenges for metal forming industry in 21st century.
2. **Bzowski K., Bachniak D., Wilkus M., Rauch Ł., Pietrzyk M.:** Multiscale numerical simulations using 3D SSRVE approach in analysis of TRIP effect.
3. **Grajcar A., Mrowiec M.:** Overview possibilities of application the advanced high-strength steel for wire rods production.
4. **Kowal R., Franczak K. Ścieżor W., Nowak A., Grzebinoga J., Kwaśniewski P., Mamala A.:** Effect of emulsion on process loads and surface roughness during EN AW-1370 wire drawing.
5. **Smyrak B., Knych T., Mamala A., Kawecki A., Jabłoński M., Korzeń K., Jurkiewicz B., Gnielczyk M., Zasadzińska M., Sieja-Smaga E.:** Research of angle die on the surface quality of EN AW 1370 and Cu-ETP wires.
6. **Walkowicz M., Osuch P., Smyrak B., Mamala A., Zasadzińska M., Knych T.:** Selected aspects of cold-working process of ETP and OF copper wires and microwires.

11⁰⁰-11³⁰ – coffee-break, tabletops

11³⁰-13³⁰ – technical session

Session 2

Chairman: Prof. dr hab. inż. Maciej Pietrzyk

1. **Kwiecień M., Graca P., Muszka K., Majta J.:** Thin strips from microalloyed steel with higher mechanical properties.
2. **Jurkiewicz B., Smyrak B., Nowak A., Knych T., Mamala A., Jabłoński M., Kawecki A., Kwaśniewski P., Kiesiewicz G.:** Research of fatigue resistance of aluminium and copper wires used for OHL and railway traction.
3. **Kozłowska A., Grajcar A., Adamiec A.:** Thermal aspects of plastic deformation of the high-manganese austenitic steel dedicated to wires production.

4. **Księżarek S., Kazana W., Marszowski K., Rudnicki K. Płonka A., Woch M., Śmieszek Z., Staszewski M., Kołacz D., Kamińska M., Bielawska K. Smyrak B., Kwaśniewski P.:** Nanocrystalline bimetallic iron-copper wires – production technology and physical and mechanical properties.
5. **Knych T., Mamala A., Kawecki A., Kwaśniewski P., Smyrak B., Korzeń K., Jabłoński M., Kiesiewicz G., Sieja-Smaga E., Gnielczyk M., Jurkiewicz B., Siemiński J., Tokarski M.:** Hardening curves and electrical properties of wires obtained from continuous casting technology of granulated scrap metal from cable.
6. **Sieja-Smaga E., Kawecki A., Knych T., Mamala A., Smyrak B., Kwaśniewski P., Kiesiewicz G., Korzeń K.:** Research on obtaining high strength high conductivity wire made from CuAg6 alloy designed for the construction high field magnet generators.

13³⁰-14³⁰ – lunch

14³⁰-16³⁰ – technical session

Session 3

Chairman: dr hab. inż. Jarosław Mizera, Prof. PW

1. **Jabłoński M., Chłód R. Grzebinoga J. Gnielczyk M., Jurkiewicz B., Franczak K.:** The effect of thermo-mechanical treatment on the properties of ZnAl15.
2. **Krawczyk J., Paćko M., Śleboda T., Zięć M., Skóra M., Dybich J.:** Physical metallurgy aspects of Ti6Al4V alloy drawing.
3. **Mamala A., Ścieżor W., Nowak A., Grzebinoga J., Kowal R., Zasadzińska M., Kordaszewski S.:** Studies on influence of aluminium alloy tubesinking process deformation conditions on inner surface roughness.
4. **Pyłacz P., Kaczmarczyk A., Pojnar A., Carbogno A.:** Examples of hoist wire ropes wear in suspension area.
5. **Kiesiewicz G.:** Research on synthesis, formability and properties of Cu-CNTs UltraWire.
6. **Kwaśniewski P., Kiesiewicz G., Franczak K., Kordaszewski S., Ścieżor W., Knych T., Mamala A., Kawecki A., Sieja-Smaga E., Kowal R., Wycisk R., Śliwka M.:** Research on New generation of pantograph strip structural element prototypes.

16³⁰-17³⁰ - tabletops

18⁴⁵ – departure to the restaurant

19⁰⁰ – regional evening

04.03.2017

8⁰⁰ - breakfast
9⁰⁰-12⁰⁰ – poster session and tabletops

Technological Poster Session

1. **Adamczyk J., Krnać J., Pilarczyk J. W., Gała M.:** The effect of die geometry changes in the last pass on residual stresses in wires for needle.
2. **Gontarz A., Drozdowski K., Dziubińska A., Winiarski G.:** Forging bracket made from magnesium alloy AZ41 closed-die forming process with use of screw Press and closed-die forging hammer.
3. **Juraszek J.:** The analysis of defects in steel wire by RMF method.
4. **Korzeń K., Smyrak B., Knych T., Jurkiewicz B., Koneczny R, Ochmanek W.:** The influence of die geometry on the drawing force and quality of AlMgSi wires.
5. **Kruzel R. Suliga M., Sosna S.:** Improving the quality of steel cord wires by the heat treatment modifying on patenting line.
6. **Michalczyk J., Banaszek G.:** The single-operation method of extrusion and pressing flanged sleeve.
7. **Romański P., Pilarczyk J.W., Wiewiórowska S., Muskalski Z.:** The influence of aging process parameters on selected mechanical properties of profiles from EN AW - 6106 aluminium alloy.
8. **Romański P., Stradomski G., Wiewiórowska S., Szarek A.:** The influence of heat treatment on toughness of extruded profiles from EN AW - 6082 aluminium alloy.
9. **Suliga M., Wartacz R.:** The influence of drawing angle at high speeds on mechanical-technological properties of low carbon steel wires.
10. **Walkowicz M., Osuch P., Smyrak B., Mamala A., Zasadzińska M., Knych T.:** Analysis of technology production of high purity copper feedstock and wires for electrical purposes.

Logistics Poster Session

1. **Pałęga M., Knapieńsk M., Rydz. D.:** The application and security of integrated information system erp in the enterprises sector metal.
2. **Stajniak M., Konecka S., Szopik-Decpzyńska K.:** SERVQUAL as a method of assessing the quality of transport services.
3. **Konecka S., Stajniak M., Szopik-Decpzyńska K.:** Supply chain disruptions.
4. **Staszewska J.:** The cluster concept in logistics.
5. **Szopik-Decpzyńska K., Stajniak M., Konecka S.:** Size of companies and innovation activity of transport related enterprises in eastern Poland
6. **Wojtyto D., Knapieński M.:** Distribution of information as a significant element of logistics in crisis management.
7. **Szopik-Decpzyńska K., Stajniak M., Konecka S.:** Ownership of companies and innovation activity of transport related enterprises in eastern Poland.
8. **Koliński A., Fajfer P.:** The problem of selection tools to increase information flow efficiency in enterprise and supply chain.
9. **Konecka S.:** Modern types of supply chains and their determinants in the context of the disruption risk.
10. **Nonas B., Staniewska E.:** Structure and directions of steel distribution based on selected company.

12⁰⁰ – closing the conference
12⁰⁰-13⁰⁰ – lunch
13⁰⁰-14⁰⁰ – departure of participants