

## Thesis UMAT

ĽUBUŠKÝ, Michal. Selected properties of composites for elektrotechnic and automotive industry

HAVEL, Filip. Investigation of coatings based on Al-Co-Cu

HLIVA, Rastislav. Quantification of carbide phases in Sub-Zero treated of Cr-V ledeburitic steel

HRUŠOVSKÁ, Linda. Comparative analysis of microstructural characteristics of sub-zero treated Cr-V ledeburitic steel

GABRIŠ, Ľubomír. Analysis of phase transformations in tool steel using experimental and computational thermodynamics

GETLER, Peter. Development and analysis of a component made of carbon fiber reinforced polymer

CABADA, Denis. Rheological characteristic polar and nonpolar thermoplastics melts

MÉSZÁROS, Marián. The influence of the structure on the properties of hard PVD coatings

MACÁKOVÁ, Monika. Analysis of the car headlight bulb damage

MALOVCOVÁ, Veronika. Study of sub-structure of sub-zero treated and tempered Vanadis 6 steel

MASÁRIKOVÁ, Jana. Design and realization of measurement of hysteresis losses in alternating magnetization of ferromagnetic material

ĎURIŠ, Andrej. Influence of welding process on the microstructure of the high strength steels

LADECKÁ, Izabela. Study of microstructure of selected alloys in Zn Mg Sc system

PÚCHLY, Michal. Analysis of hot-dip coatings on steel substrate after cold deformation

SLANINKA, Tomáš. X-ray analysis of residual stresses of large-scale roller bearings

TOMAŠOVIČ, Filip. Determination of mechanical properties of materials and their usability of 3D printing for the needs of ZF Slovakia, a.s.

BAJKAI OVÁ, Margita. Study of precipitation in the high-alloy systems

BANDÚR, Andrej. In-situ XRD analysis of stress evolution in the hot dip wire coating during bending

BEDNÁROVÁ, Dominika. The effect of cobalt addition on the microstructure and corrosion performance of aluminum alloys

BUČÁNY, Martin. Heat treatment and mechanical properties characterization of Al alloy

KRALOVIČ, Dominik. Quantitative analysis of carbide phases on fracture surfaces of sub-zero treated and tempered Cr-V ledeburitic steel

CHROMEK, Juraj. Influence of Cu additions on corrosion resistance of 316L stainless steel

KONÍČEK, Marek. Analysis of shunt layers for heat sinking in superconducting tapes used in fault current limiters

MIKLOVIČ, Dávid. Qualitative and quantitative microstructure analysis of Zn-based alloys

VANČO, Ľubomír. Partial isothermal section of Al-Pd-Co ternary phase diagram at 1020°C

PAVLAČKOVÁ, Petra. Thermal analysis of high temperature plastics

PLANIETA, Richard. Study of fracture characteristics of sub-zero treated and tempered tool steel