

Master theses

- Šoka, L.:** Analysis of mechanical load influence on the structure of (RE)BCO based superconducting layers in cables with round diameter
- Števílková, L.:** Effect of pulsed laser ablation on the increase adhesion of the system coating – substrate
- Šumec, M.:** Application of computational thermodynamics in precipitation processes analysis of austenitic stainless steel
- Tančibok, F.:** Modifying the process of carbon saturation into surface of gear wheel
- Tomíková, L.:** Electrical and dielectric properties of selected types of glasses for photonic applications
- Toráčová, H.:** Rheology of alloys polar semicrystalline plastics
- Vrbovský M.:** The corrosion resistance of binary Al-Pd alloys
- Zábojník, M.:** Quantitative analysis of carbide phases in cold-work tool steel
- Javorková, M.:** Thermal analysis of non-polar semi-crystalline plastics alloys
- Královič, D.:** Optimization of heat treatment on the through-hardening furnace with Wienstroth defecation in a salt bath
- Kubík, S.:** Parametric analysis of the laser welding influence to the character in steel welded joint microstructure applied in automotive industry
- Kubovičová, V.:** Metallographic analysis and mechanical testing of laser welded joints of sheets for the automotive industry
- Lehocký, J.:** Study of Materials on the Basis of Rubbers Using Physical Methods
- Minarovič, M.:** Study of welded joints of aluminum alloy - Titan explosion prepared by SEM and X-ray microanalysis
- Palúch, O.:** Study corrosion resistance based alloys Zn-Al-Mg-Sn
- Petrek, E.:** Properties of semicrystalline non polar polymer sheathing
- Pillár, L.:** Choice properties of nonpolar amorphous and semicrystalline plastics alloys
- Pizúr, J.:** The impact of structure of the nanocomposite coating nACRo on its selected properties
- Polák, K.:** Effect of thermal exposure on selected properties of lead-free solder SnAg_{0,3}Cu_{0,7}
- Sobota, E.:** Influence of welding process on microstructure of Nickel-based alloy 263
- Sokolová, E.:** Effect of the welding process on the nature of the microstructure of steel applied in the chemical industry
- Ševčík, M.:** Metallographic analysis and mechanical properties of moldings produced by quickly freezing of pure magnesium powders
- Buček, M.:** The structure and features of S390 tool steel after boronizing
- Danišová, L.:** The Renovation of Components with Using a Technology of Thermal Spraying
- Dulová, P.:** The study of welds of metals with the SEM and X-ray microanalysis
- Đurica, J.:** The study of the precipitation of secondary phases in the Cr-Mn-N austenitic stainless steel after isothermal holding time in the temperature range 600 to 900°C
- Lackovič, L.:** Measurement and comparison of the modulus of elasticity polar and nonpolar alloy of semi-crystalline plastics
- Banič, M.:** The Structure and phase composition of alloys on Zinc basis for hot dip plating
- Belková, I.:** Thermodynamic modelling of phase equilibria in Sn-Ag-Cu hypoeutectic alloy