

## Bachelor Theses 2013 – UMAT

- Muchová, M.:** Analysis of high hard coatings deposited using CAV process
- Žiškova, M.:** Application of statistical methods in process improvement
- Valková, J.:** Application of statistical control in the manufacturing process of Rear cover- Hytron H1P
- Spodniaková, A.:** Application of statistical methods and tools by improving processes
- Šutovec, E.:** Microstructural characterization of Cr-Mn-N (P560) austenitic stainless steel after isothermal annealing
- Sudovská, D.:** Characterization of phases in Al-Co system
- Čupa, M.:** Characterization of defects in superconducting tapes after bending and cutting
- Bosý, M.:** Characterization of layers in tape superconductors based on rare earth elements
- Záchenský, J.:** Diffuse boronizing of hot work tool steel W302
- Droberjár, R.:** Effects of rare earth elements on microstructure of lead-free solders
- Blaho, P.:** Elastic properties of Al-SiC particulate composites made by sintering
- Repková, D.:** Mechanical properties of reinforced aluminium foam
- Březovský, M.:** Measurement, monitoring and improvement of business processes in industrial organization
- Nagy, B.:** Microstructure analysis of steel AISI 316 after isothermal annealing at 750 °C
- Kořínková, M.:** Modelling of phase equilibria in various material systems using Thermo-Calc software
- Adámek, J.:** Proposal for improvement of the selected process in company
- Kovács, R.:** Proposal of arrangements for establishing of the Quality Management System in accredited laboratory
- Kondéová, I.:** Draft of measures to improve the quality of business processes in the company BEZ TRANSFORMATORY, a.s.
- Vangel', M.:** Proposal of Measures for Effective Securing of Process Production Quality of Choke Coil
- Mihálik, M.:** Proposal for inclusion of missing requirements ISO/TS 16949:2009 into the quality management system
- Krupa, M.:** Atoms to solid phase: ab initio calculations of chemical and physical properties
- Andrisík, M.:** The application of aluminum foam for absorption of impact energy
- Foriška, R.:** Survey of employee satisfaction and motivation within a functioning quality management system in the organization
- Sloboda, M.:** Employee satisfaction survey within a functioning quality management system in the organization

**Gyarmati, R.:** Rheological properties of polymers

**Jankovýchová, J.:** Monitoring of degradation behaviour of rubber mixtures using measuring rheological properties

**Čačík, A.:** Monitoring of selected parameters for evaluation of vacuum distillation products' quality

**Klobučník, M.:** Investigation of microstructure of complex metallic alloy

**Banič, M.:** Study the microstructure of complex metallic alloy based on aluminium

**Chmelo, P.:** The structural study of Al based complex metallic alloys

**Biroš, M.:** Thermal properties of polymeric materials

**Straková, V.:** Flow properties of Biodegradable Polymetric Material

**Pavelka, R.:** Application of the seven basic tools of quality management to reduce the number of claims per segment 4

**Jassušová, K.:** The application of statistical methods in quality management

**Szabó, P.:** Variability of surface roughness turning

**Sládeková, M.:** Variability of circularity of turning surface

**Horváth, L.:** Effect of setting measurement conditions for dilatometric analysis of solids

**Danišová, L.:** Evaluation of capability of the surface roughness measuring device

**Mrva, T.:** The use of laser confocal microscopy to measure surface roughness

**Hrnčík, M.:** Development of methodics for making precise formations on superconducting tapes

**Kyselica, D.:** Quality Assurance in the Process of Purchasing

**Miháliková, E.:** Providing quality in the process of buying

**Vrabec, I.:** Assurance of quality in the purchasing process in the company TSS GRADE a.s.

**Gjablová, N.:** Capability of measuring system and measurement system analysis

**Hyža, L.:** Impairment expense application of statistical control when watching paint on sheet thickness

**Žilíková, M.:** Improving quality of the product 1.3.305 – Synchronring in the production process Miba Sinter Slovakia, s. r. o.

**Virágová, L.:** Increasing the efficiency of material database IMDS in organization